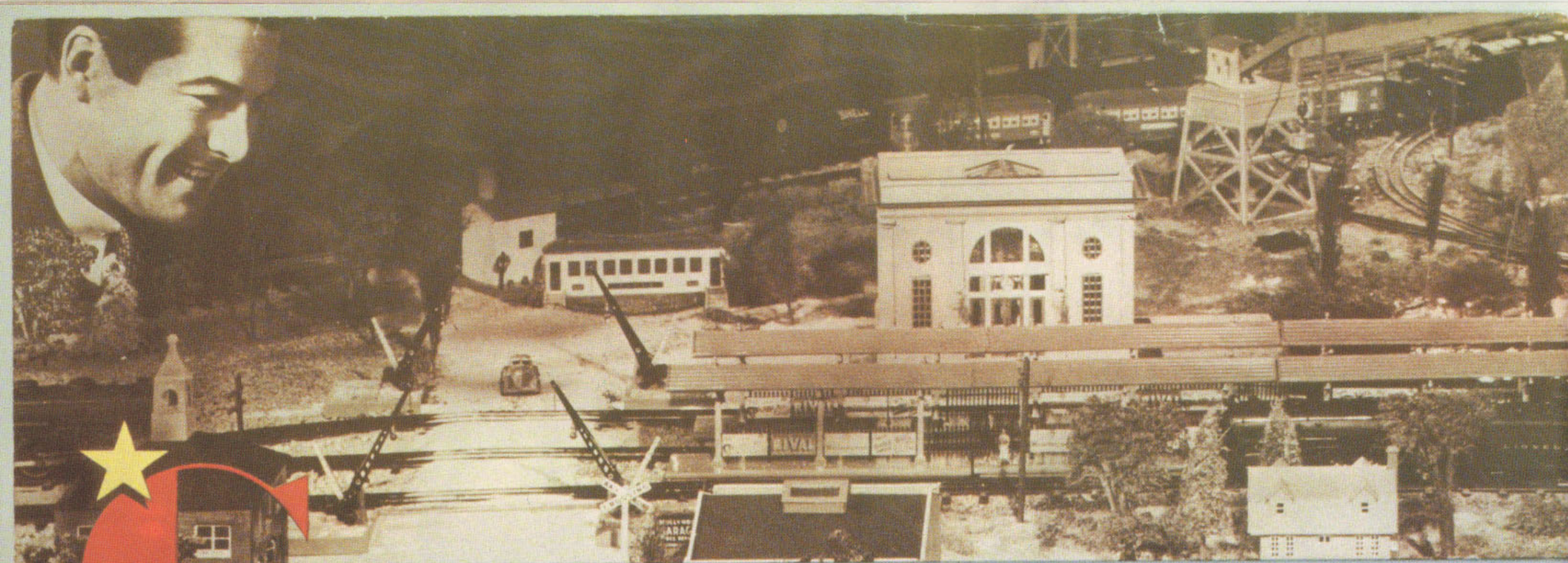


# LIONEL

THAT'S THE  
SCALE MODEL  
FOR US, SON!

1940



# Greatest Hobby on Earth

*For all boys  
of all ages*

Trains. For now, in 1940, Lionel brings to you all the equipment required for creating a railroad system that is *complete from start to finish*. Think what that means—you, at your remote controls, the absolute master of a world in miniature! You make your engines whistle real railroad signals. You raise and lower bridges.

Railroading! The dreams of excitement, action and high adventure, inspired by that one word, are yours to achieve with Lionel

Couple and uncouple cars. Pick up and deliver freight. Switch trains from track to track. Start, stop and reverse them. Duplicate *everything* in the realm of real railroading—and do it all by electric, remote control.

Your railroad system will be your own private enterprise. *That's the biggest thrill of it all!* You will plan the track layout to provide real railroading activity. You will locate the signals, crossings and stations. Ballast the roadbed. Install the wiring. Then, when the whole job is done, it will be your own proud possession to exhibit to all your friends. Yours to enjoy!


Talk to Dad today. Tell him, before Christmas, that this is the hobby you want. Railroading! Scale model railroading! Take him into partnership with you. Make him the senior member of your railroading company. Plan together. Work together. Start at once to enjoy together this greatest hobby on earth.

*Scale Model Headquarters*


THE LIONEL CORPORATION

15 East Twenty-sixth Street, New York, N. Y., U. S. A.

This catalog is effective August 1, 1940. All prices, structural or mechanical designs, and colors are subject to change without notice. The entire contents of this book are copyrighted, 1940, by The Lionel Corporation, 15 East 26th Street, New York, N. Y. Printed in the U. S. of America.

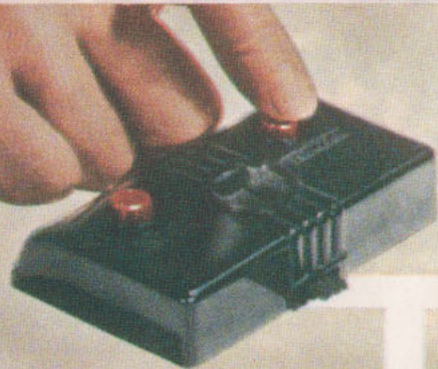


Today all modern railroads are governed by remote control buttons like those used to operate Lionel Trains.



**YIPPEE!**  
NOW I'VE GOT  
THE WHOLE WORKS  
AT MY FINGERTIPS

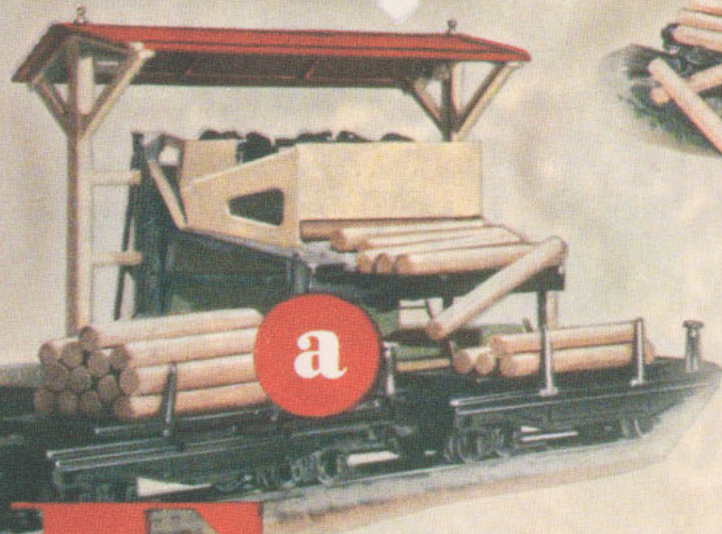
***—now made more exciting than ever by...***



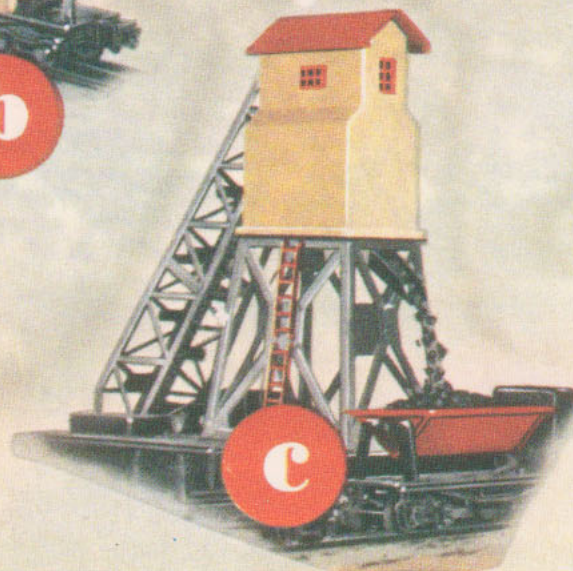
JUST THE WAY  
THE BIG FELLOWS DO IT—  
BY THE TOUCH OF  
A BUTTON!



**b**



**a**



**c**



**e**



**f**

# Electrified Action—

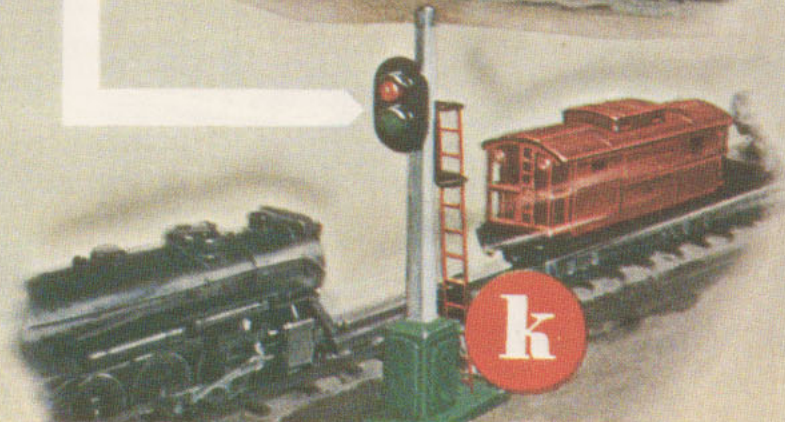
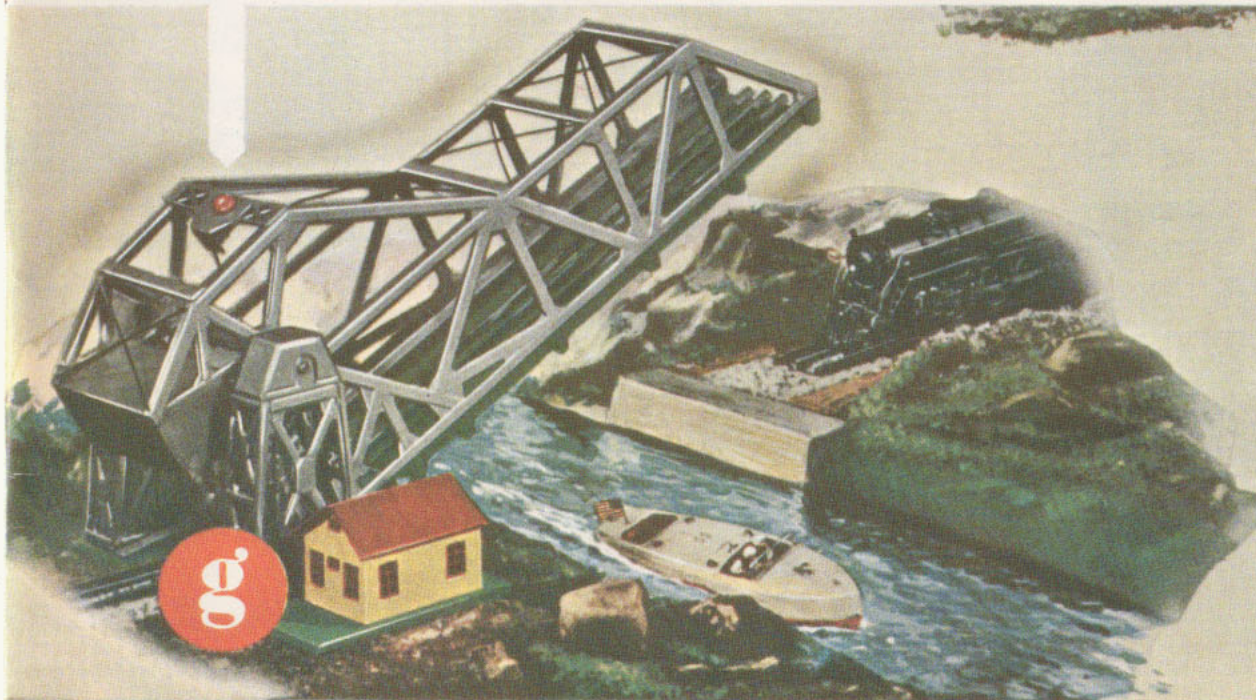
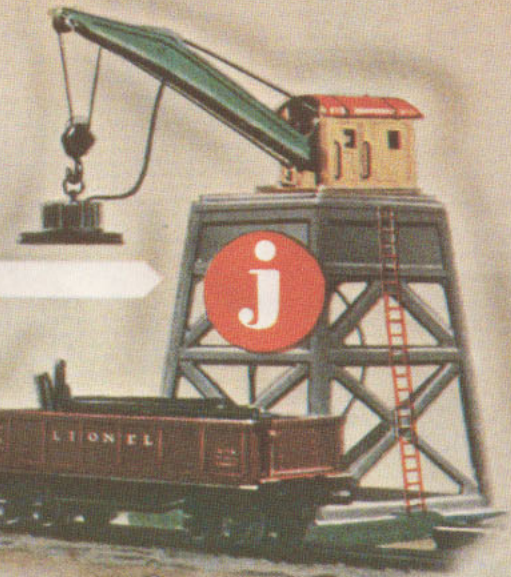
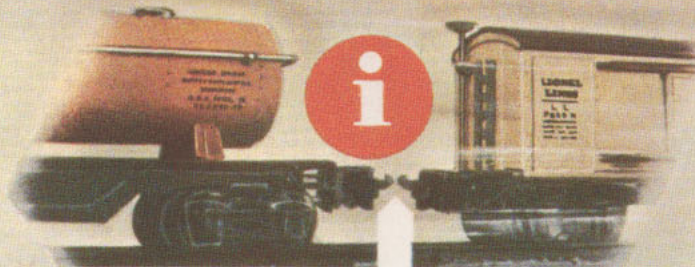
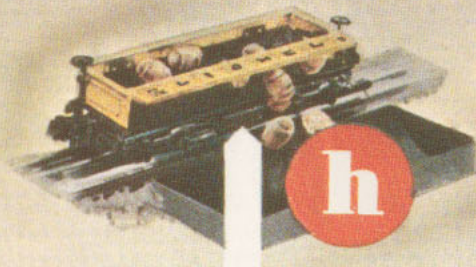
Lionel was first to make a train run *electrically*! And ever since, from year to year, Lionel has been making trains do more and more things *electrically*. On this page is a “close-up” of eleven new great electrified features invented, developed and perfected by Lionel.

Some of the things you see here seem almost

unbelievable. Think of it . . . a freight car loading and unloading itself automatically—at the command of your finger! Cars coupling and uncoupling at the touch of a button! Locomotives whistling real railroad signals, anywhere, at any time. Bridges that automatically stop trains when they open. Cranes loading or unloading cars by electric mag-

nets. Two trains running on the same loop of track, at the same time, yet never colliding.

Look them over! Eleven great headliners! Pick one . . . two . . . three . . . or all to go with your train. Or make a note to add them as quickly as possible. For here is thrilling performance that no make of train in the world *but Lionel* can give you.



**a** **LOADING LOGS**

Electric elevator lifts logs to raised platform for remote control car loading. Page 55.

**b** **UNLOADING 'EM**

Bottom of car tilts by remote control, spilling logs into bin along-side track. See Page 44.

**c** **COAL BUNKER**

Motor-driven chain of buckets fills bunker. Touch of button pours coal into car. Page 54.

**d** **THEY WHISTLE**

Any whistle signal of the Official Railway Code — sounded right from the train itself.

**e** **COAL DELIVERY**

Touch a button and electric dump car tilts, unloading coal into bin. Description on Page 44.

**f** **LIKE MAGIC**

Real railroads can't do this! Touch a button, door opens and out pops freight. Page 45.

**g** **NEW THRILLER**

Electric bridge opens by remote control. Train halts until bridge closes. Shown on Page 56.

**h** **MORE MAGIC**

Your finger on a button opens the side of gondola car, tumbling out barrels. See Page 44.

**i** **UNCOUPLING**

Electro-magnetic couplers are built-in. Cars are uncoupled by electric remote control.

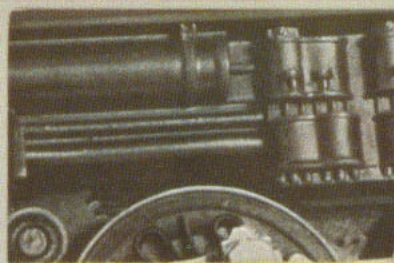
**j** **MAGNET CRANE**

Greatest accessory of 1940. Lifts steel beams by magnetism, revolves electrically. See Page 59.


**k** **BLOCK SIGNAL**

Prevents collision when two trains run on same track layout. See how it's done, on Page 52.


*Plus*



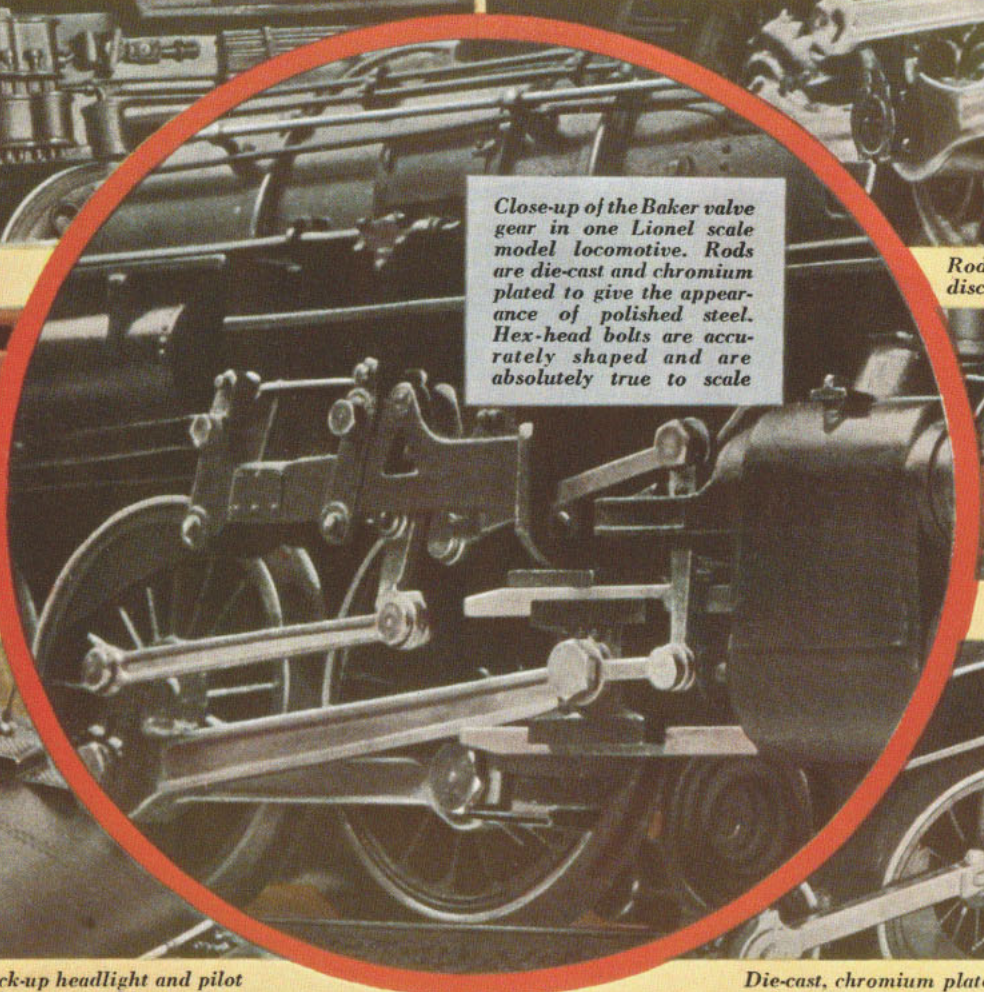
Air compressors and check valves in Lionel locomotives



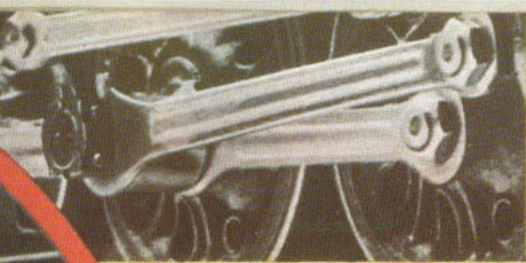
Three-color, injected plastic marker lanterns on cabooses



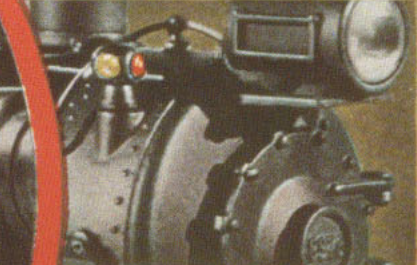
Back-up headlight and pilot lights on switching engines



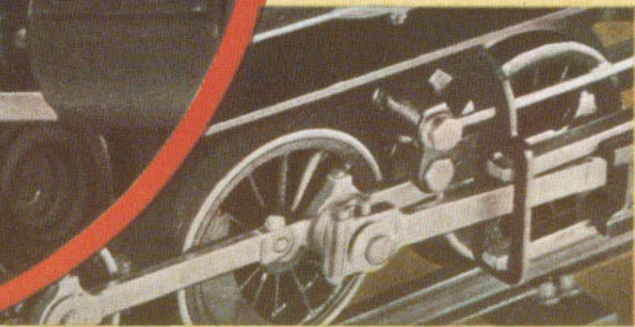
Close-up of the Baker valve gear in one Lionel scale model locomotive. Rods are die-cast and chromium plated to give the appearance of polished steel. Hex-head bolts are accurately shaped and are absolutely true to scale




Rods, eccentric crank and Baldwin disc wheels in a Lionel scale model




Hinged boiler front, plastic-lens headlight, jewel pilot lights



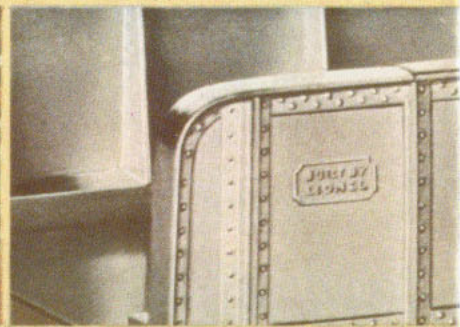
Die-cast, chromium plated side and connecting rods and visible members of the Stevenson valve gear



Bearing pedestal of new bascule bridge showing gusseted structural members



Permanent lettering in true railroad style is applied to all Lionel cars



Cover plate, flanges, angle plate stiffeners in new Lionel scale-model bridge

# Scale Model Realism

## BLUEPRINT ACCURACY!

Exact reproduction in miniature of giant locomotives, switching engines, freight cars and equipment of all kinds—with full, accurate scale model proportions and complete details right down to the last nut and bolt.

That's what you get in a Lionel, *and only in a*

Lionel. Builders of real railroad equipment work hand in hand with Lionel engineers to make Lionel Trains the finest that roll on model rails. Lionel Trains are not toy-type interpretations but *the real thing*—built from real railroad blueprints without sacrifice of detail, without compromise in proportions, without any excuses to make.

Look over the evidence. See why a Lionel is king of the rails and such a joy to own. Then tell Dad to be sure to get a genuine Lionel.

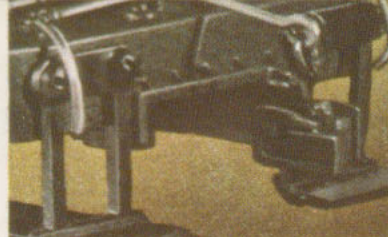


**DEAD RINGERS FOR  
THE BIG FELLOWS  
NO MATTER HOW  
YOU MEASURE THEM**



### **NO COMPROMISES NECESSARY!**

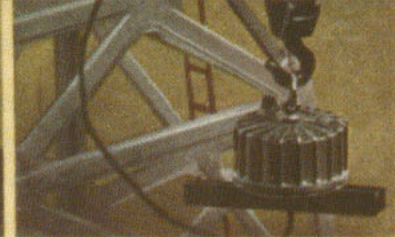
Look at the locomotive for the key to scale model realism in a miniature railroad. If the engine is accurate and correct you can gamble the whole system is as realistic. Lionel locomotives look right and are right. No compromise is necessary. They're scale models in appearance as well as in performance.



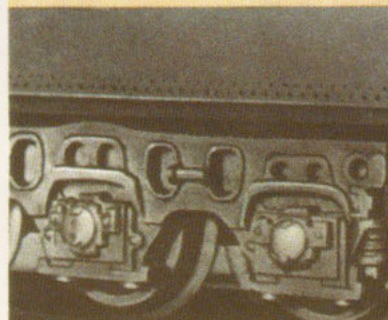
*Coupler pin-lifting chain, rod and crank on switching engine*



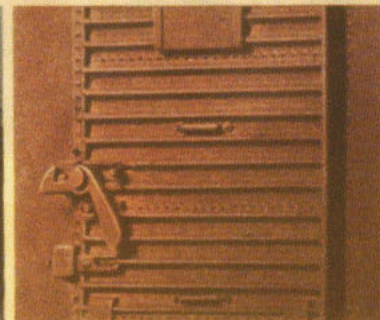
*Realistic lettering, color and details on a Lionel hopper car*



*Big hook and die-cast magnet case on new Lionel triple-action crane*



*Sharp, clearly defined details on a Lionel scale model tender truck*



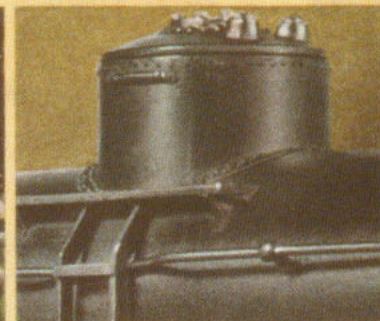
*Sliding, die-cast door on box car fitted with an operating latch*



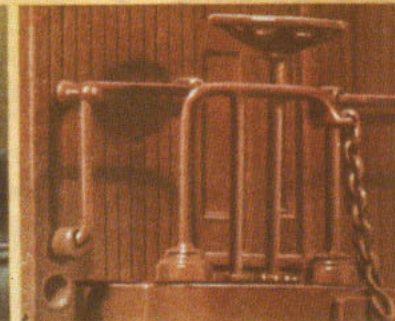
*Marker lights on steel cabooses reflect interior illumination*



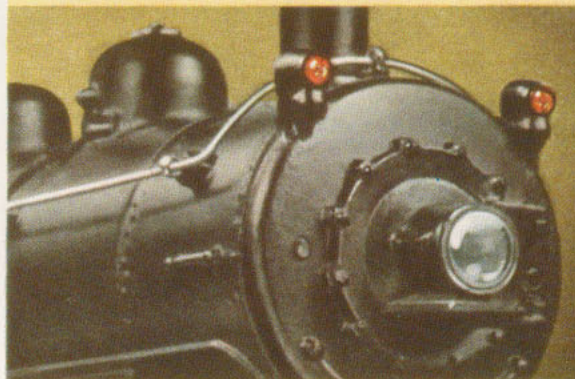
*Die-cast lamp brackets and etched crossarms on new warning signal*



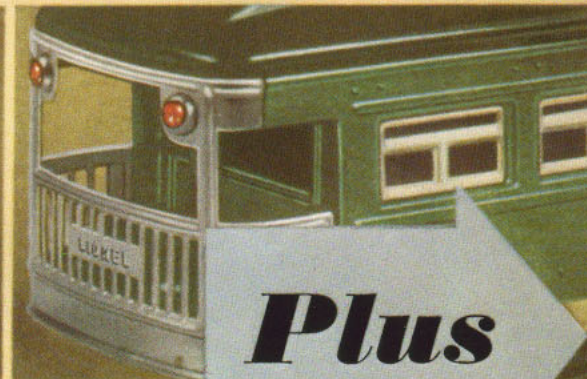
*Applied ladder and rails on tank car. Cast manhole cover and valves*



*Cabooses contain such details as poling socket, lower left above*



*New Lionel scale switching engine with sharply defined, die-cast details and piercing headlight*



*Reflectors on platform*

**Plus**

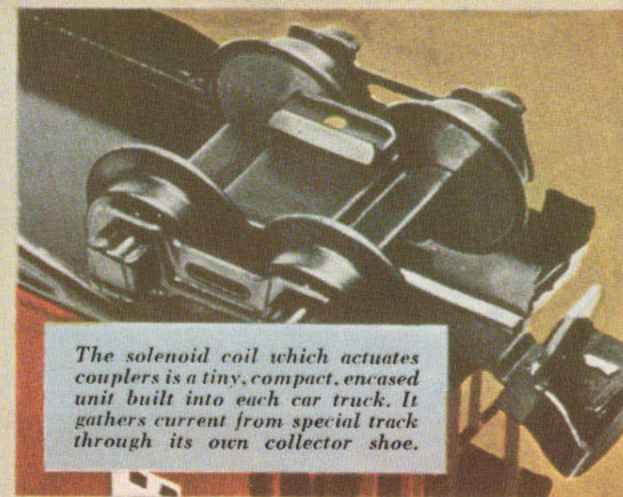
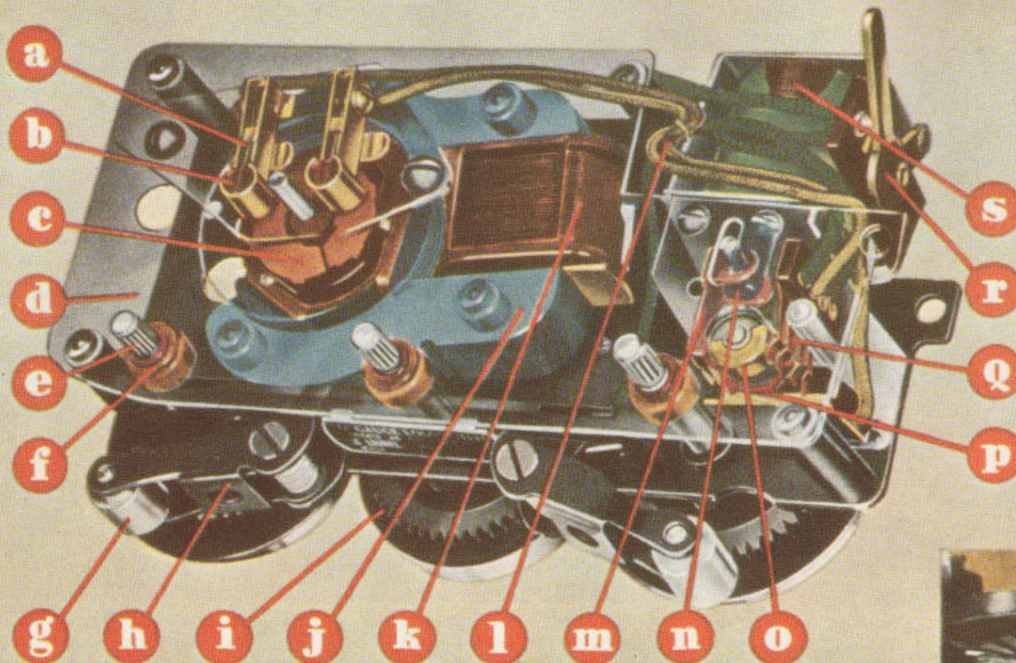
## POWERHOUSE ON WHEELS

THE STANDARD MOTOR in Lionel locomotives is the highly dependable spur-gear type, illustrated at the right, which reduces r.p.m. in a ratio of about 12 to 1 to develop tremendous, high-torque energy. Spur gearing is the most efficient known to science and is used exclusively in the drive of huge turbines, ships, etc. Points of special interest are indicated by letters.

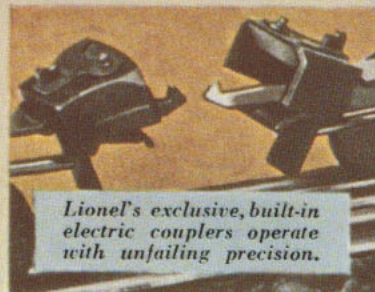
A, rust-proof music wire — brush pressure spring. B, long life brush — copper graphite composition. C, molded precision commutator. D, heavy steel side plates for accurate alignment of shafts. E, nickel-plated, knurled, tool-steel axles will not loosen in wheels. F, wide phosphor-bronze bushing.

G, nickel, chromium, collector roller. H, bronze collector shoe; bracket easily replaced. I, precision-cast drive gear integral with wheel. J, electrical-steel lamination stack. K, machine-wound field winding. L, Braided, oil-proof insulation prevents grounding. M, reversing-unit actuating panel. N, solenoid plunger. O, plastic, molded reversing drum. P, integrally molded ratchet teeth on drum.

Q, sterling silver contact fingers. R, reverse disconnecting switch lever. S, paper sectioned reversing solenoid coil. Hard steel intermediate gears cut on gear generator (not shown).



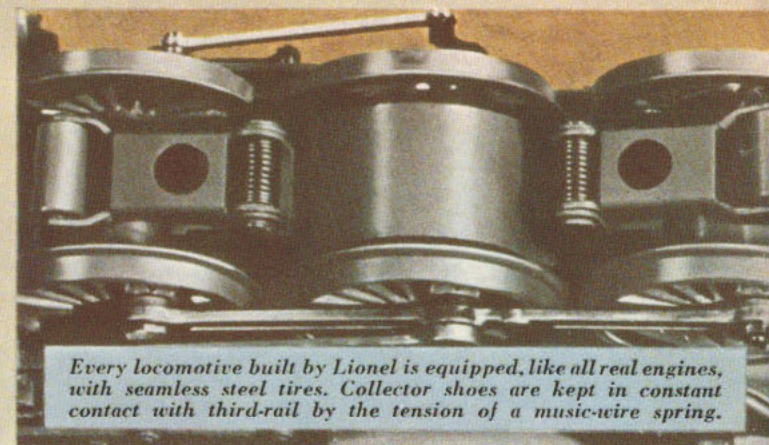
The solenoid coil which actuates couplers is a tiny, compact, encased unit built into each car truck. It gathers current from special track through its own collector shoe.



Lionel's exclusive, built-in electric couplers operate with unflinching precision.



Patented mechanism of the two-tone train whistle fits into all tenders, including the tiny "OO" gauge models.



Every locomotive built by Lionel is equipped, like all real engines, with seamless steel tires. Collector shoes are kept in constant contact with third-rail by the tension of a music-wire spring.

# Dependable Performance —

Railroads expect a locomotive to last 20 years.

You'll find hundreds of Lionel engines, like the old boy on the back cover of this catalog, on the job after 25, 30, even 35 years of active service!

A Lionel never grows old! That's because of its stamina and enormous reserve power. No matter how fast you run it — or how long — or how many

sudden starts and quick stops you call for — you never overtax its power capacity.

When you — or Dad — are putting money into a scale model, *reserve power* and *long life* are the FIRST things you want. So look under the bonnet of a Lionel. See what makes it ready to go whenever you touch your hand to the "throttle".

Above is the "heart" of a Lionel locomotive exposed to view. No trains on earth can match the performance and dependable service of this Lionel powerhouse on wheels! Read carefully every point called to your attention. Then you'll understand why a Lionel — like its big brother on the big rails — is always ready when the signal comes, "Okay, let's go!"



DAD, WE WANT  
A TRAIN THAT WILL  
REALLY GO PLACES

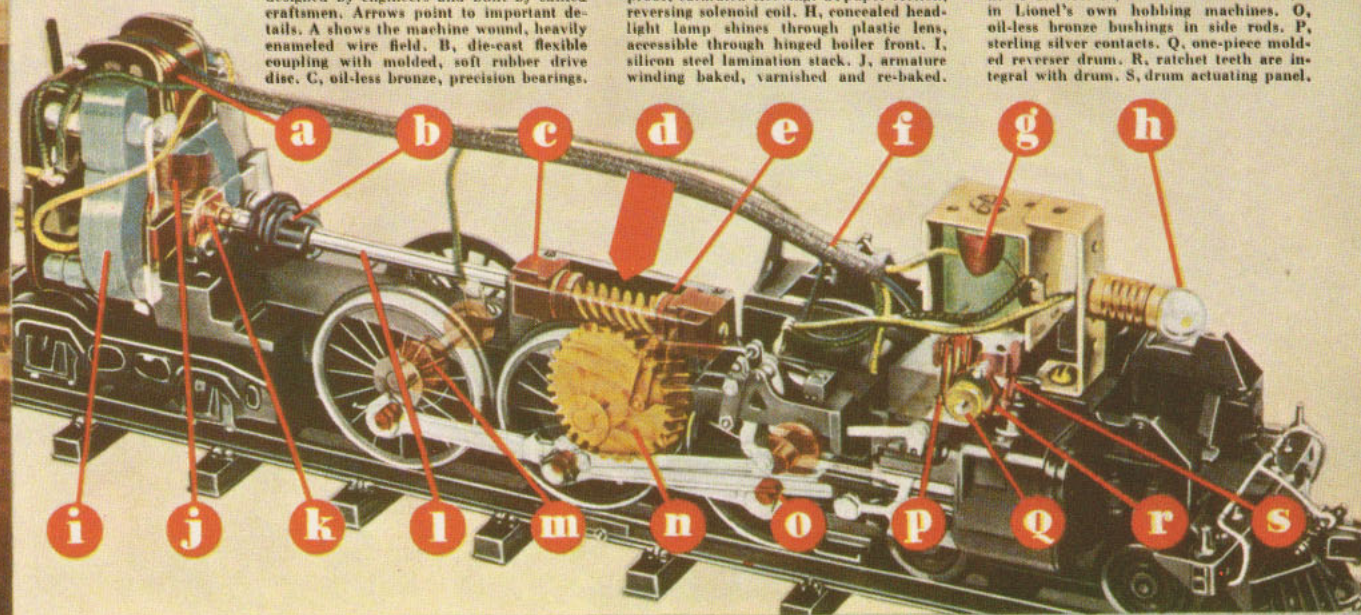
THAT'S WHY  
WE'RE GETTING  
A LIONEL, SON!

## FAULTLESS CONSTRUCTION OF LIONEL WORM-DRIVEN LOCOMOTIVES

A worm drive in a miniature locomotive can be highly efficient and most dependable, if it is expertly designed and skillfully constructed. Shown below is the internal construction of a Lionel scale model, designed by engineers and built by skilled craftsmen. Arrows point to important details. A shows the machine wound, heavily enameled wire field. B, die-cast flexible coupling with molded, soft rubber drive disc. C, oil-less bronze, precision bearings.

D, polished threads on worm, cut by Lionel in precision thread-cutting machines. E, hardened and ground thrust ball bearings. F points to the leads between motor and reversing unit which are encased in an oil-proof, saturated sleeving. G, paper-section, reversing solenoid coil. H, concealed headlight lamp shines through plastic lens, accessible through hinged boiler front. I, silicon steel lamination stack. J, armature winding baked, varnished and re-baked.

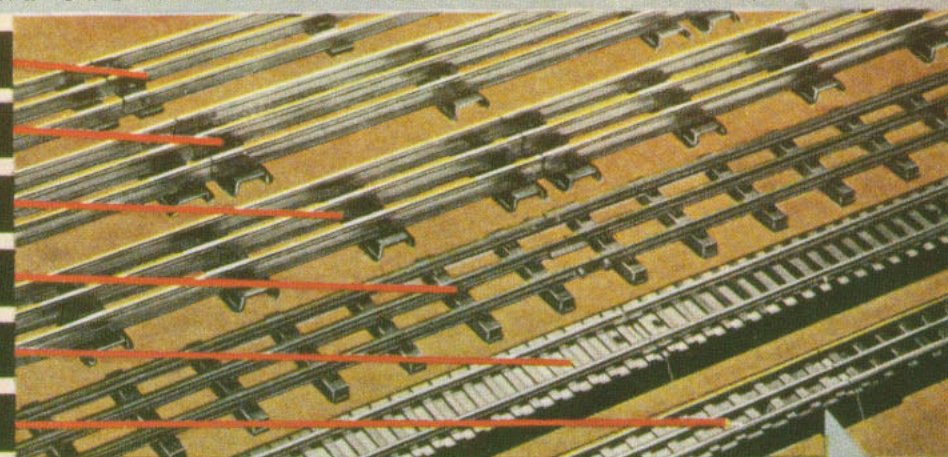
K, oil-less type armature bearing, surrounded by oil-retaining felt ring, provided with oil hole through ash pan. L, worm shaft, integral with worm. M, wheel axle is plated tool steel—knurled ends for press-fit of drivers. N, bronze worm wheel cut in Lionel's own hobbing machines. O, oil-less bronze bushings in side rods. P, sterling silver contacts. Q, one-piece molded reverser drum. R, ratchet teeth are integral with drum. S, drum actuating panel.



## THE SIX DIFFERENT STYLES OF LIONEL TRACK

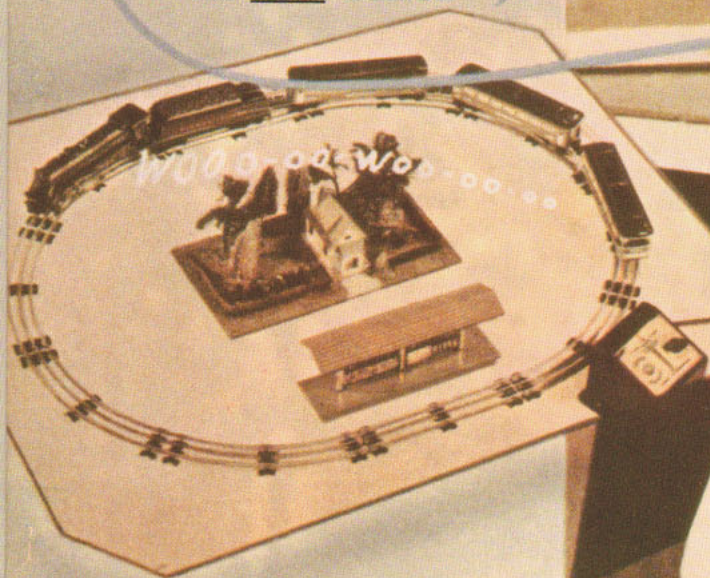
CROSS-SECTION SILHOUETTES SHOW GAUGES  $\frac{1}{8}$  IN. ACTUAL SIZE

"0-27"	
"0"	
"0-72"	
SOLID RAILS	
"00" <sup>2</sup> RAIL	
"00" <sup>3</sup> RAIL	



*—that's not all...Lionel also gives you...*

**YOU CAN START  
WITH A LIONEL  
OF ANY SIZE  
AT ANY PRICE**



**GEE, I'M LUCKY TO HAVE A FATHER WHO  
IS A REAL PARTNER AND WILL REALLY HELP**

**THIS IS OUR HOBBY, BOY,  
I'M JUST AS EXCITED  
OVER BUILDING A  
PERMANENT RAILROAD  
AS YOU ARE**

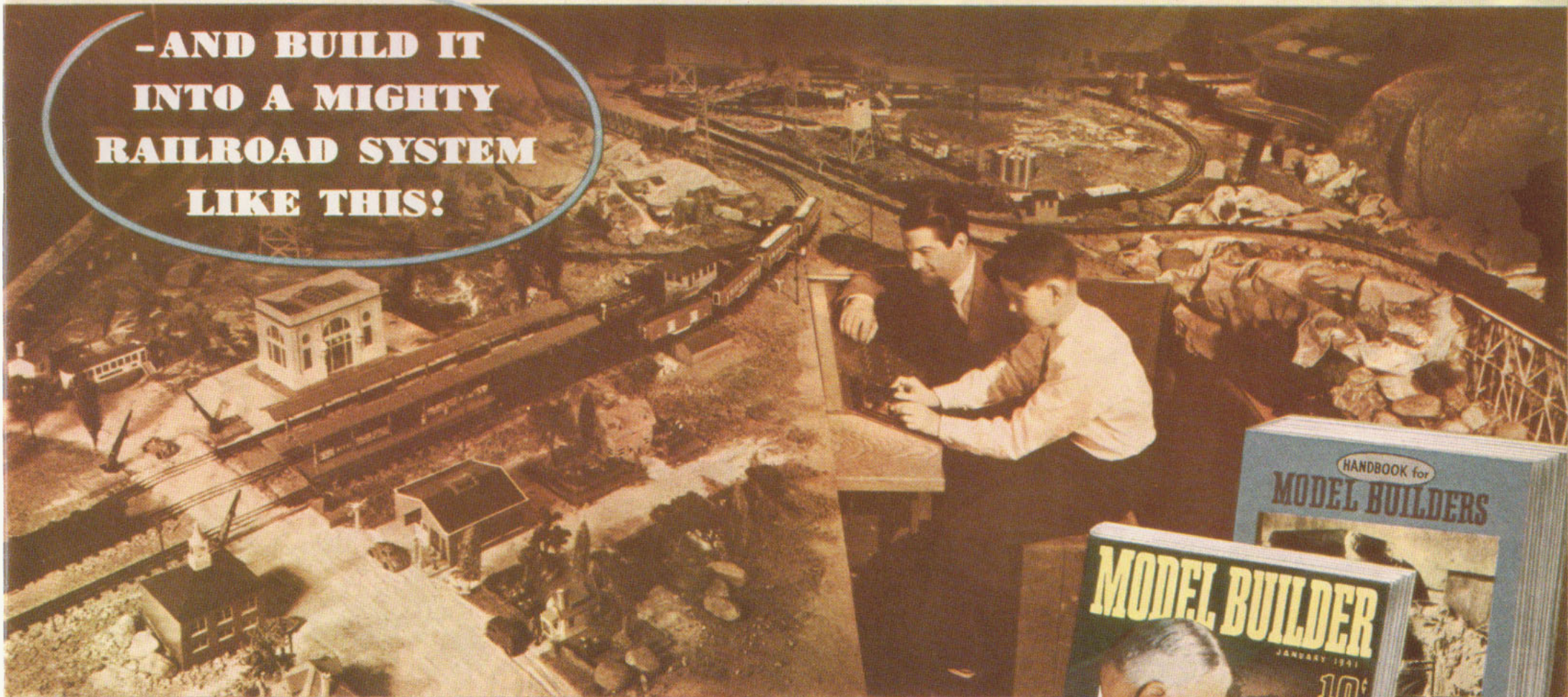
# **M**odel Railroading from the

There's nothing complicated about model railroading. It's a thrilling, absorbing hobby for boys of 7, as for men of 70. For father and son, the model railroad is a priceless meeting place where boy and man are boys together, and close, enduring father-son companionship thrives on mutual aims and interests. "But what do we do?" "How do we

start?" Lionel answers those questions in two new, great publications: (1) **MODEL BUILDER**, six-time-a-year magazine sold on all newsstands at 10 cents a copy. Shows how to start with a circle of track and a single train and gradually develop a giant railroad empire. Tells how you can build a timber trestle, roundhouse and turntable. How to obtain

effective scenic results at insignificant expense: a fence made of hairpins, an oil storage yard of coffee cans, a wheat elevator of rolled oats containers. **MODEL BUILDER** shows how to wire your layout to a central control panel like that on Page 3, how to build dual controls, how to run trains according to regular timetables. Through this magazine you will

**-AND BUILD IT  
INTO A MIGHTY  
RAILROAD SYSTEM  
LIKE THIS!**

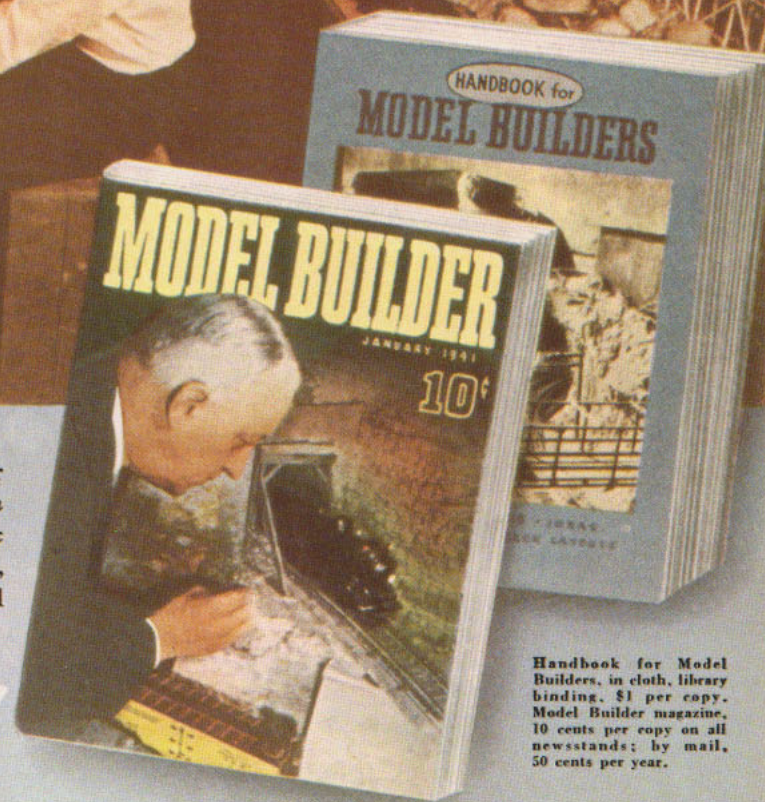


## ***Ground up—***

meet other railroaders, compare notes, see pictures of their pikes and exchange ideas. Subscribe to **MODEL BUILDER**. A full year is only 50 cents, by mail. (2) **HANDBOOK FOR MODEL BUILDERS** is a big, cloth-bound, library edition containing everything you want to know about trains. Written in boys' language, for boys. Many of the best articles, photo-

graphs, tips and hints from the **Model Builder** magazine are collected in the **HANDBOOK**. Bound-in are 48 pages of blueprints containing over 200 track layouts! Size, 8½ by 11½ inches, 140 pages thick, cloth-bound, jacketed in full colors, only \$1, at all train counters.

***what to do —  
and how to do it***



**Handbook for Model Builders**, in cloth, library binding, \$1 per copy. **Model Builder** magazine, 10 cents per copy on all newsstands; by mail, 50 cents per year.



## THE LIONEL "O-27" FLEET OF SPEED WIZARDS

**a** No. 1666W Locomotive-Tender Outfit — Die-cast, accurately detailed, scale proportioned locomotive any boy would be proud to own. Locomotive has six spoked drivewheels. Tender has built-in electric coupler, built-in whistle. For use with "O-27" cars, and cars of the 600 and 2600 series. No. 1041 Multi-Control Transformer with built-in circuit-breaker and button for operating whistle and reversing, is included in outfit. Overall 16 inches. Price \$10.75

**b** No. 2663T Switching Engine Tender Outfit—Four-drivewheel switching engine with "Magic Electrol" which enables two trains to operate on the same layout at the same time, each individually controlled. Electric coupler on pilot and tender. Tender has a working back-up headlight. For use with "O-27" cars and cars of the 600 and 2600 series. Outfit consists of No. 1663 switching engine, No. 2201T Tender, and No. 168 controller. Overall 16½ inches. Price \$14.75

**c** No. 1664W Locomotive-Tender Outfit — Locomotive has scale model, intricately detailed, die-cast cab and boiler, embellished by stainless steel pipes and four spoked drivewheels. Tender has electric coupler and built-in whistle. For use with "O-27" cars, and cars of the 600 and 2600 series. Included in outfit is a No. 1041 Multi-Control Transformer with built-in circuit-breaker and a button for operating whistle. Overall 16 inches. Price \$9.00

**d** No. 1668W Pennsylvania Streamline Locomotive and Tender—With its heavy duty motor and its six large drivers, this locomotive is a veritable power plant on wheels—as well as a thrilling beauty in design, color and finish. Cast with a profusion of detail and ornamented with bright, polished details. Eight-wheel streamline tender has built-in railroad whistle.

## Lionel 'O-27' Series

**S**CALE MODEL REALISM in "O-27" locomotives and tenders is unmatched in any other make of train at anything near the low prices which prevail throughout this series. Locomotive cabs and boilers are die-cast in hardened steel dies which impart the same fine detail that is found in the most expensive scale models.

Every engine has a built-in reversing mechanism which enables the operator to make his train go

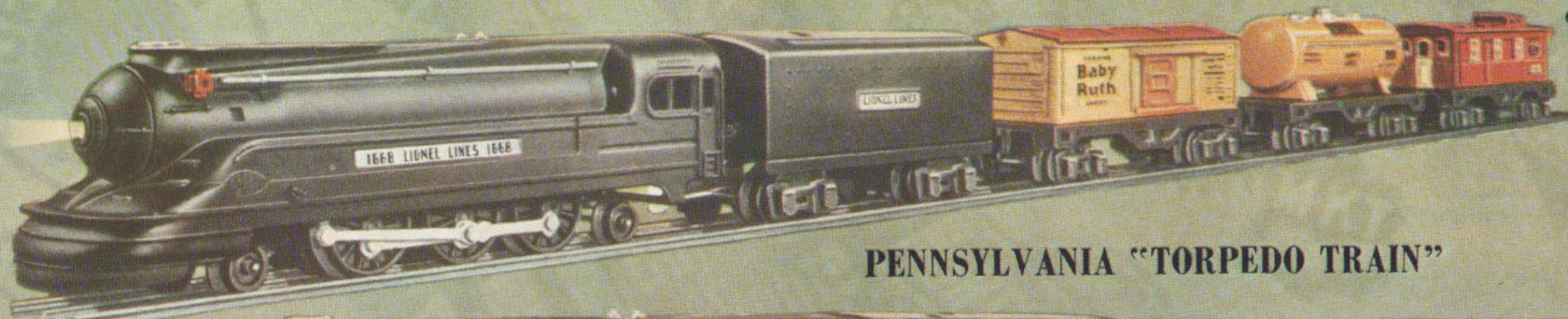
forward or backward by remote control. Motors are built for lifetime service.

The letter O in "O-27" designates the gauge of the track on which these trains operate. "O" gauge is quarter-inch scale, approximately one forty-eighth actual size.

The 27 in "O-27" indicates the diameter of a circle of this track, which measures 27 inches to outer extremities. Lionel "O-27" track is not as high as

regular Lionel "O" gauge track and the two types cannot, therefore, be used together.

Lionel "O-27" switches, crossovers and other track accessories are listed on Page 48. Additional cars for "O-27" trains will be found on pages 44, 45 and 47. Stations, houses, signals and other equipment suitable for regular "O" gauge trains are also appropriate for use with "O-27" outfits, unless otherwise noted under their individual descriptions.



**PENNSYLVANIA "TORPEDO TRAIN"**

**No. 1073**  
\$795

**No. 1074**  
\$795



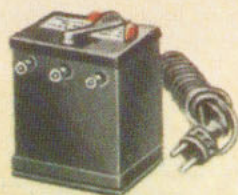
**SCALE PROPORTIONS—REALISTIC DETAILS**

"Torpedo" locomotive and tender measure 17½ inches. No. 1664 locomotive and tender are 16 inches long.

**No. 1087**  
\$995



All "O-27" box cars contain realistic railroad lettering of the Curtiss Candy Company, advertising Baby Ruth Candy.



All "O-27" outfits include a Lionel-built transformer—for 110 to 115-volt, 60-cycle alternating current. Trains with electric whistles are furnished with No. 1041 transformer with built-in circuit-breaker, whistle and speed controls, and a capacity of 60 watts which provides for the addition of numerous accessories. (If purchased separately, \$4.75.) Trains not having whistles are furnished with No. 1039, 35-watt, speed-control transformer which is adequate for the operation of a few added accessories. (If purchased separately, \$2.35.)

**Outfit No. 1073 consists of:**

- 1-No. 1668 Six-drivewheel locomotive.
  - 1-No. 1689T Tender.
  - 1-No. 1679 Box car, 4-wheel trucks, 9¼ in. long.
  - 1-No. 1680 Tank car, 4-wheel trucks, 9¼ in. long.
  - 1-No. 1682 Caboose, 4-wheel trucks, 9¼ in. long.
  - 8-Sections of No. 1013 Curved track.
  - 2-Sections of No. 1018 Straight track.
  - 1-UTC Lockon.
  - 1-No. 1039 Transformer with speed control.
- Track supplied forms an oval 27½ by 36⅞ inches. Train is 44 inches long. **Price \$7.95**

**Outfit No. 1073W**—Same as No. 1073, but with Built-in Whistle and No. 1041 Multi-Control Transformer with Built-in Circuit-Breaker and a button for operating whistle. **Price \$11.75**

**Outfit No. 1074 consists of:**

- 1-No. 1668 Six-drivewheel Pennsylvania Railroad "Torpedo" locomotive.
  - 1-No. 1689T Tender.
  - 2-No. 1690 Pullman cars, 9½ inches long.
  - 1-No. 1691 Observation car, 9½ inches long.
  - 8-Sections of No. 1013 Curved track.
  - 2-Sections of No. 1018 Straight track.
  - 1-UTC Lockon.
  - 1-No. 1039 Transformer with speed control.
- Track supplied forms an oval 27½ by 36⅞ inches. Train is 43½ inches long. **Price \$7.95**

**Outfit No. 1074W**—Same as No. 1074, but with Built-in Whistle and No. 1041 Multi-Control Transformer with Built-in Circuit Breaker and a button for operating whistle. **Price \$11.75**

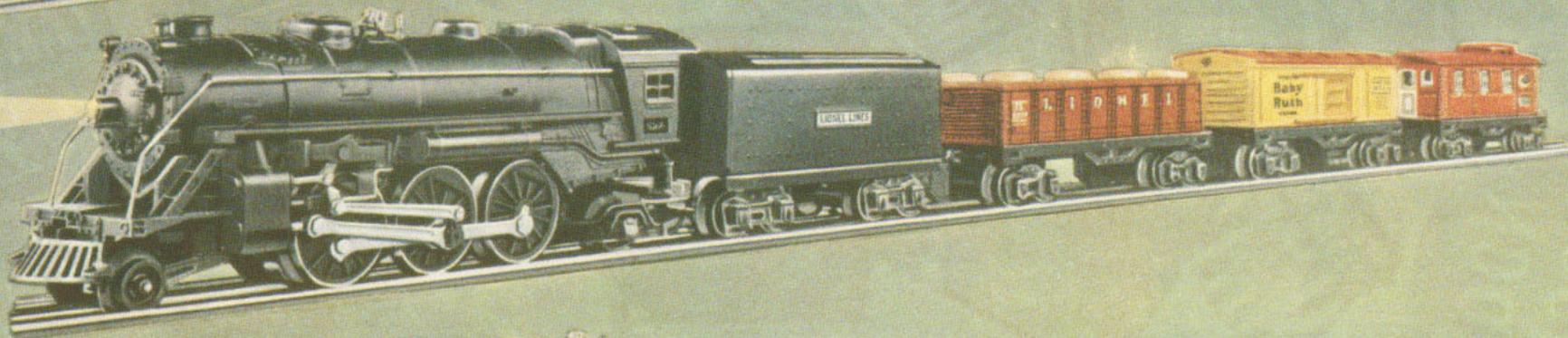
**Outfit No. 1087 consists of:**

- 1-No. 1664 Scale model detailed locomotive.
  - 1-No. 1689T Tender.
  - 1-No. 1679 Box car, 4-wheel trucks, 9¼ in. long.
  - 1-No. 1680 Tank car, 4-wheel trucks, 9¼ in. long.
  - 1-No. 1682 Caboose, 4-wheel trucks, 9¼ in. long.
  - 8-Sections of No. 1013 Curved track.
  - 2-Sections of No. 1018 Straight track.
  - 1-UTC Lockon.
  - 1-No. 1039 Transformer with speed control.
- Track supplied forms an oval 27½ by 36⅞ inches. Train is 44⅞ inches long. **Price \$9.95**

**Outfit No. 1087W**—Same as No. 1087, but with Built-in Whistle and No. 1041 Multi-Control Transformer with Built-in Circuit-Breaker and a button for operating whistle. **Price \$13.75**



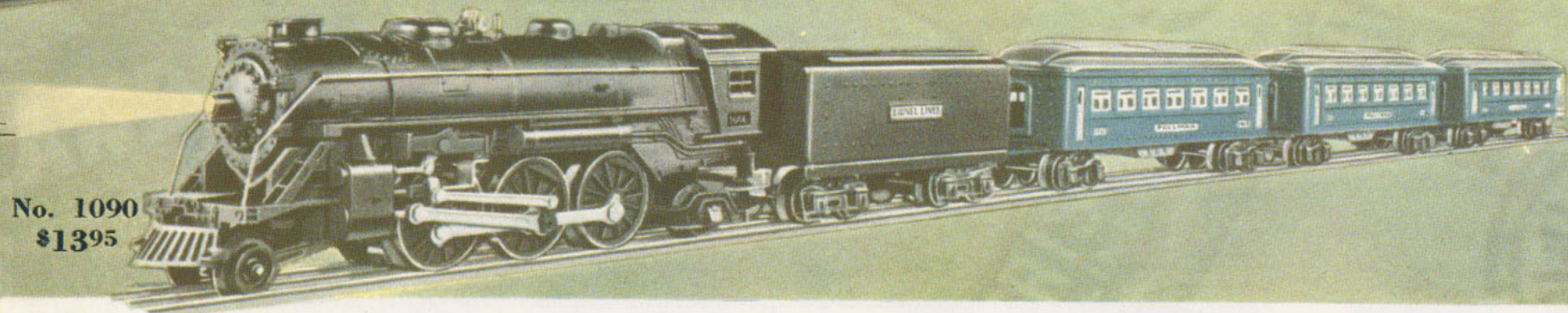
**No. 1088**  
**\$1175**



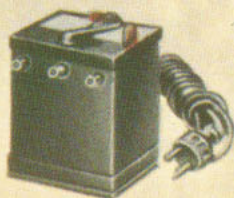
**No. 1089**  
**\$1275**



**ELECTRIC**  
Remote Control  
**COUPLERS**



**No. 1090**  
**\$1395**



All "O-27" outfits include a Lionel-built transformer — for 110 to 115-volt, 60-cycle alternating current. Trains with electric whistles are furnished with No. 1041 transformer with built-in circuit-breaker, whistle and speed controls, and a capacity of 60 watts which provides for the addition of numerous accessories. (If purchased separately, \$4.75.) Trains not having whistles are furnished with No. 1039, 35-watt, speed-control transformer which is adequate for the operation of a few added accessories. (If purchased separately, \$2.25.)

**Outfit No. 1088 consists of:**

- 1—No. 1664 Scale model detailed locomotive.
  - 1—No. 1689T Tender. Locomotive and tender measure, overall, 16 inches.
  - 2—No. 1630 Pullman cars, 12¼ inches long.
  - 1—No. 1631 Observation car, 12¼ inches long.
  - 8—Sections of No. 1013 Curved track.
  - 4—Sections of No. 1018 Straight track.
  - 1—UTC Lockon.
  - 1—No. 1039 Transformer with speed controls.
- Track supplied forms an oval 27½ by 45¼ inches. Train is 51½ inches long. **Price \$11.75**

**Outfit No. 1088W.** Same as No. 1088, but with **Built-in Whistle** and No. 1041 Multi-Control Transformer with **Built-in Circuit-Breaker** and a button for operating whistle. **Price \$15.50**

**Outfit No. 1089 consists of:**

- 1—No. 1666 Six-drivewheel locomotive.
  - 1—No. 2689T Tender.
  - 1—No. 2677 Gondola car, 9¼ inches long.
  - 1—No. 2679 Box car, 9¼ inches long.
  - 1—No. 2682 Caboose, 9¼ inches long.
  - 8—Sections of No. 1013 Curved track.
  - 3—Sections of No. 1018 Straight track.
  - 1—No. 1019 Remote control track.
  - 1—UTC Lockon.
  - 1—No. 1039 Transformer with speed controls.
- Track supplied forms an oval 27½ by 45¼ inches. **Electric couplers, 45⅝ inches long. Price \$12.75**

**Outfit No. 1089W.** Same as No. 1089, but with **Built-in Whistle** and No. 1041 Multi-Control Transformer with **Built-in Circuit-Breaker** and a button for operating whistle. **Price \$16.50**

**Outfit No. 1090 consists of:**

- 1—No. 1666 Six-drivewheel locomotive.
  - 1—No. 2689T Tender.
  - 2—No. 2630 Pullman cars, 12¼ inches long.
  - 1—No. 2631 Observation car, 12¼ inches long.
  - 8—Sections of No. 1013 Curved track.
  - 3—Sections of No. 1018 Straight track.
  - 1—No. 1019 Remote control track.
  - 1—UTC Lockon.
  - 1—No. 1039 Transformer with speed controls.
- Track supplied forms an oval 27½ by 45¼ inches. Tender and all cars have **electric couplers**. Train is 51¼ inches long. **Price \$13.95**

**Outfit No. 1090W.** Same as No. 1090, but with **Built-in Whistle** and No. 1041 Multi-Control Transformer with **Built-in Circuit-Breaker** and a button for operating whistle. **Price \$17.75**

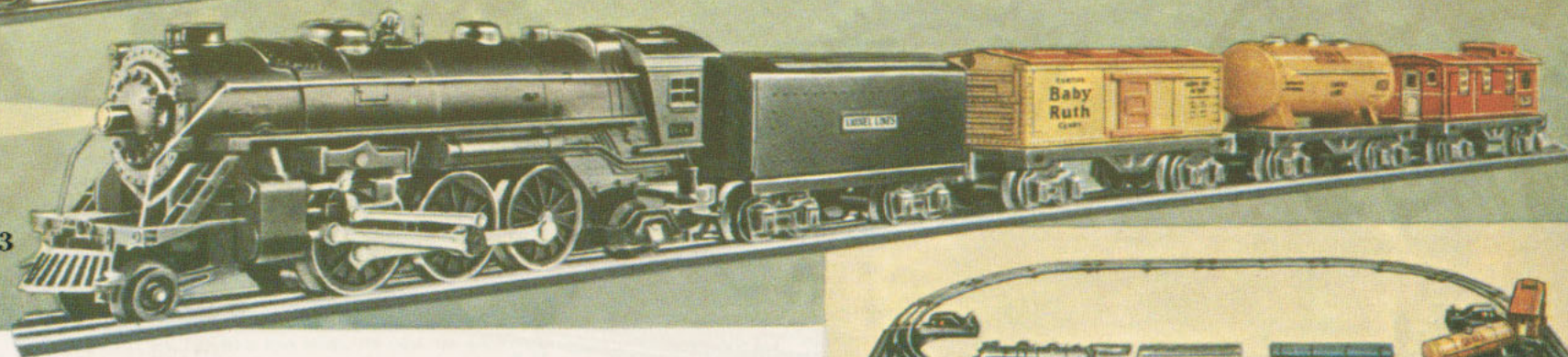


Five important action features are included in this outfit: Electrically operated switches, electrically operated coal elevator, electrically operated dump car, electric couplers and remote control locomotive whistle.

No. 1095W  
\$2950



No. 1093  
\$1875



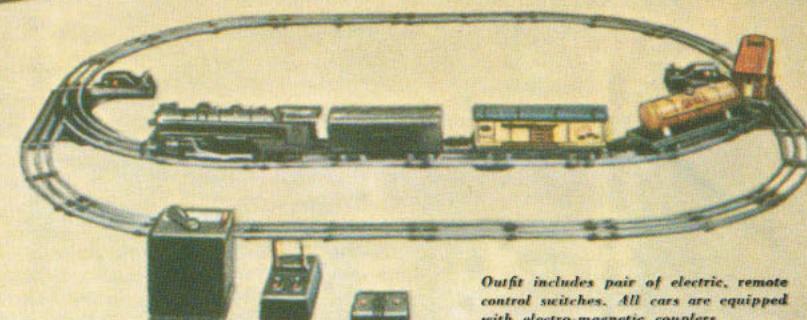
**Outfit No. 1095W consists of:**

- 1-No. 1666 Six-drivewheel locomotive.
  - 1-No. 2689W Tender with *Built-in Whistle*.
  - 1-No. 3659 Electric dump car.  $6\frac{3}{4}$  inches long.
  - 1-No. 2680 Tank car.  $9\frac{1}{4}$  inches long.
  - 1-No. 2620 Floodlight car.  $6\frac{5}{8}$  inches long.
  - 1-No. 2657 Caboose.  $6\frac{5}{8}$  inches long.
  - 1-No. 96 Coal Elevator with manual conveyors.
  - 1-No. 160 Unloading bin.
  - 1-No. 1121 Pair electric remote control switches.
  - 10-Sections of No. 1013 Curved track.
  - 5-Sections of No. 1018 Straight track.
  - 1-No. 1019 Remote control track. 1-UTC Lockon.
  - 1-No. 1041 Multi-Control Transformer.
- Tender and all cars have *electric couplers*. Train is 52 inches long. Price \$29.50

**Outfit No. 1091 — Like No. 1093 but consisting of:**

- 1-No. 1666 Locomotive.
  - 1-No. 2689T Tender.
  - 1-No. 2679 Box car.  $9\frac{1}{4}$  inches long.
  - 1-No. 2680 Tank car.  $9\frac{1}{4}$  inches long.
  - 1-No. 3659 Electric dump car.  $6\frac{3}{4}$  inches long.
  - 1-No. 2682 Caboose.  $9\frac{1}{4}$  inches long.
  - 1-No. 160 Unloading bin.
  - 8-No. 1013 Curved track. 5-No. 1018 Straight track.
  - 1-No. 1019 Remote control track. 1-UTC Lockon.
  - 1-No. 1039 Transformer with speed controls.
- Electric couplers*. Track oval  $27\frac{1}{2}$  by  $54\frac{1}{8}$  inches. Train is 54 inches long. Price \$16.00

**Outfit No. 1091W**—Same as No. 1091, but with *Built-in Whistle* and No. 1041 Multi-Control Transformer with *Built-in Circuit-Breaker* and a button for operating whistle. Price \$19.75

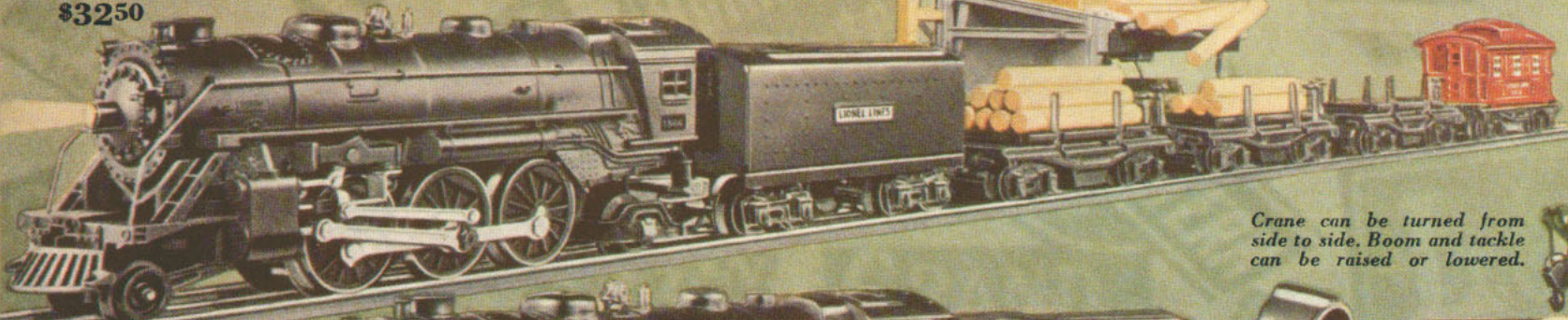


Outfit includes pair of electric, remote control switches. All cars are equipped with electro-magnetic couplers.

**Outfit No. 1093 consists of:** No. 1666 Locomotive, No. 2689T Tender, No. 2679 Box car, No. 2680 Tank car, No. 2682 Caboose, 10 sections of No. 1013 Curved track, 5 sections of No. 1018 Straight Track, No. 1019 Track set, UTC Lockon, Pair of No. 1121 Electric switches and No. 1039 Transformer. Price \$18.75

**No. 1093W**—Similar, but with whistle equipment. Price \$22.50

No. 1099W  
\$3250

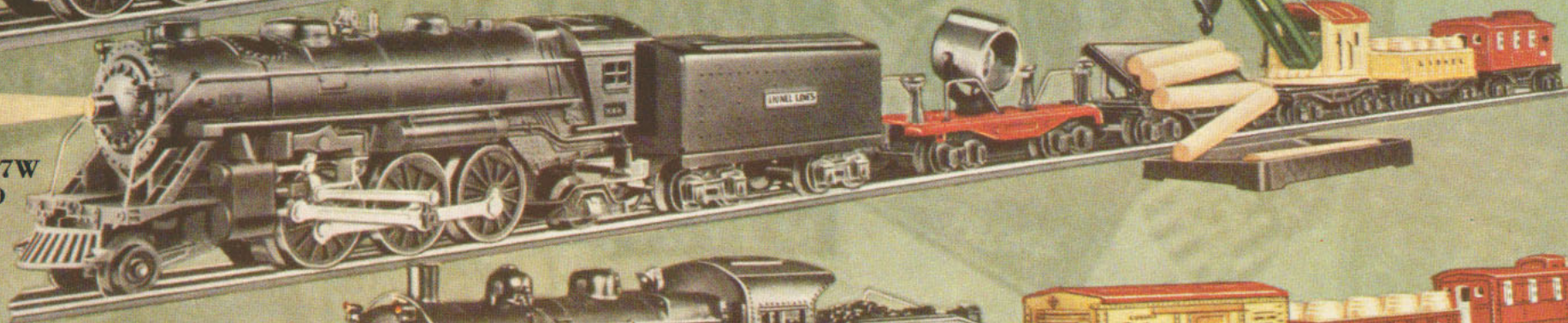


Outfit No. 1099W includes a pair of electric, remote control switches and an unusually large amount of track.



Crane can be turned from side to side. Boom and tackle can be raised or lowered.

No. 1097W  
\$2500



No. 1059  
\$1675



Gondola car contains a set of barrels. Barrels can be opened and filled with freight.



All "O-27" outfits include a Lionel-built transformer — for 110 to 115-volt, 60-cycle alternating current. Trains with electric whistles are furnished with No. 1041 transformer with built-in circuit-breaker, whistle and speed controls, and a capacity of 60 watts which provides for the addition of numerous accessories. (If purchased separately, \$4.75.) Trains not having whistles are furnished with No. 1039, 35-watt, speed-control transformer which is adequate for the operation of a few added accessories. Separately, \$2.25.

**Outfit No. 1099W consists of:**

- 1—No. 1666 Six-drivewheel locomotive.
  - 1—No. 2689W Tender with Built-in whistle.
  - 3—No. 3651 Electrically operated lumber cars.
  - 1—No. 2657 Caboose. 6 $\frac{3}{8}$  inches long.
  - 1—No. 164 Electrically operated log loader.
  - 3—No. 160 Unloading bins.
  - 10—Sections of No. 1013 Curved track.
  - 5—Sections of No. 1018 Straight track.
  - 1—No. 1019 Remote control track. 1—UTC Lockon.
  - 1—No. 1121 Pair, electric, remote control switches.
  - 1—No. 1041 Multi-control transformer.
- Cars are 6 $\frac{3}{8}$  inches long. Tender and cars have electric couplers. 51 $\frac{1}{4}$  inches long. Price \$32.50

**Outfit No. 1097W consists of:**

- 1—No. 1666 Six-drivewheel locomotive.
  - 1—No. 2689W Tender, with Built-in whistle.
  - 1—No. 2620 Floodlight car. 6 $\frac{3}{8}$  inches long.
  - 1—No. 3651 Electric lumber car. 6 $\frac{3}{8}$  inches long.
  - 1—No. 2660 Crane car. 8 $\frac{3}{4}$  inches long.
  - 1—No. 3652 Electric gondola. 6 $\frac{3}{8}$  inches long.
  - 1—No. 2682 Caboose. 6 $\frac{3}{8}$  inches long.
  - 2—No. 160 Unloading bins.
  - 8—Sections of No. 1013 Curved track.
  - 5—Sections of No. 1018 Straight track.
  - 1—No. 1019 Remote control track.
  - 1—UTC Lockon.
  - 1—No. 1041 Multi-control transformer.
- Tender and cars have electric couplers. 60 $\frac{3}{8}$ " long. Track oval, 27 $\frac{1}{2}$  by 54". Price \$25.00

**Outfit No. 1059 consists of:**

- 1—No. 1662 Switching engine with pilot coupler.
  - 1—No. 2203T Tender with back-up headlight.
  - Switching locomotive and tender overall measures 16 $\frac{3}{8}$  inches in length.
  - 1—No. 2679 Box car. 9 $\frac{1}{4}$  inches long.
  - 1—No. 2677 Gondola with barrels. 9 $\frac{1}{4}$  in. long.
  - 1—No. 2682X Caboose. 9 $\frac{1}{4}$  inches long.
  - 8—Sections of No. 1013 Curved track.
  - 5—Sections of No. 1018 Straight track.
  - 1—No. 1019 Remote control track.
  - 1—UTC Lockon.
  - 1—No. 1039 Speed-control transformer.
- Track supplied forms an oval 27 $\frac{1}{2}$  by 45 $\frac{1}{8}$  inches. Locomotive pilot, tender and all cars have electric couplers. Train is 43 $\frac{1}{2}$ " long. Price \$16.75

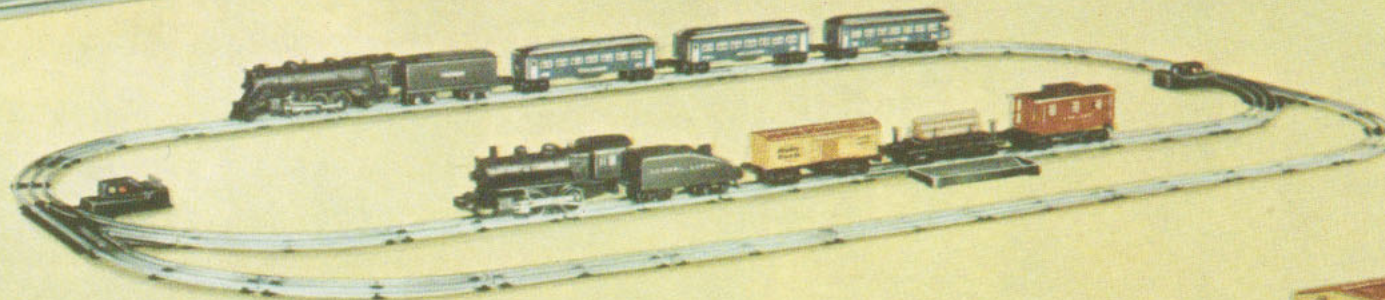


**No. 1061**  
**\$42.75**

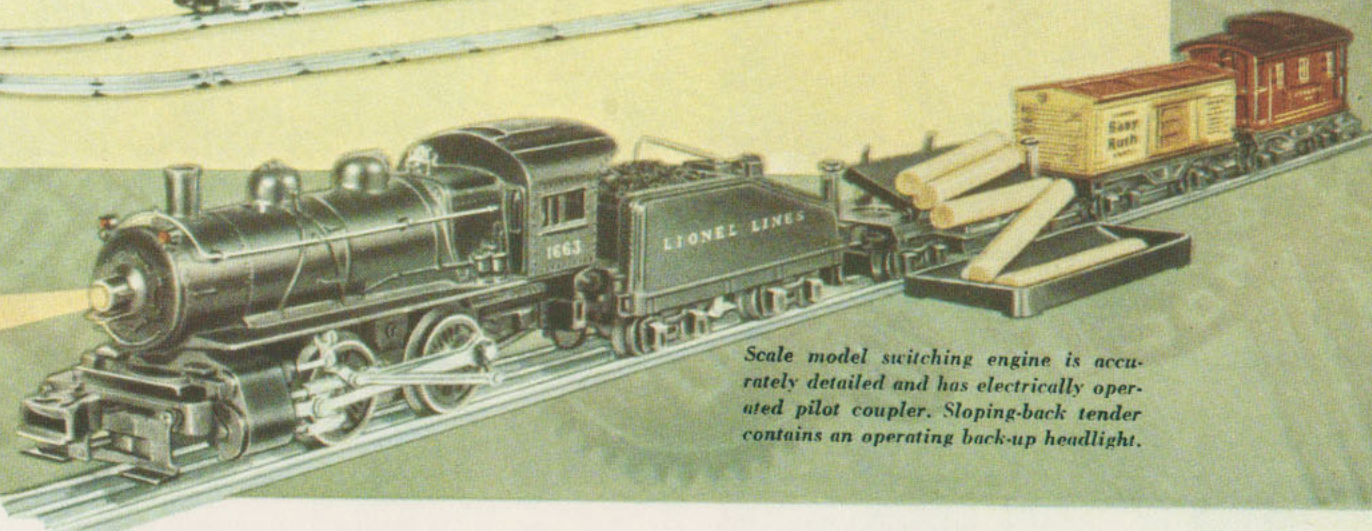
Lionel **'0-27'** Gauge



**ELECTRIC**  
Remote Control  
**COUPLERS**



*Two-train outfit includes a pair of electric remote control switches and a large quantity of track.*



*Scale model switching engine is accurately detailed and has electrically operated pilot coupler. Sloping-back tender contains an operating back-up headlight.*



*Outfit No. 1061 includes Type "Q" Trainmaster Transformer and this bank of controls for the operation of switches, electric lumber car, electric couplers and for starting, stopping and reversing each train individually.*

## FIRST TIME EVER! A TWO-TRAIN COMBINATION!

**MAGIC**  
**ELECTROL**

*Thank the creative genius of Lionel engineers for this happy solution to the old problem of operating two trains on the same track at the same time—for here is the perfect answer. For each train, there is a separate remote control button... either train can be started, stopped or reversed while the other, unaffected, runs merrily on.*

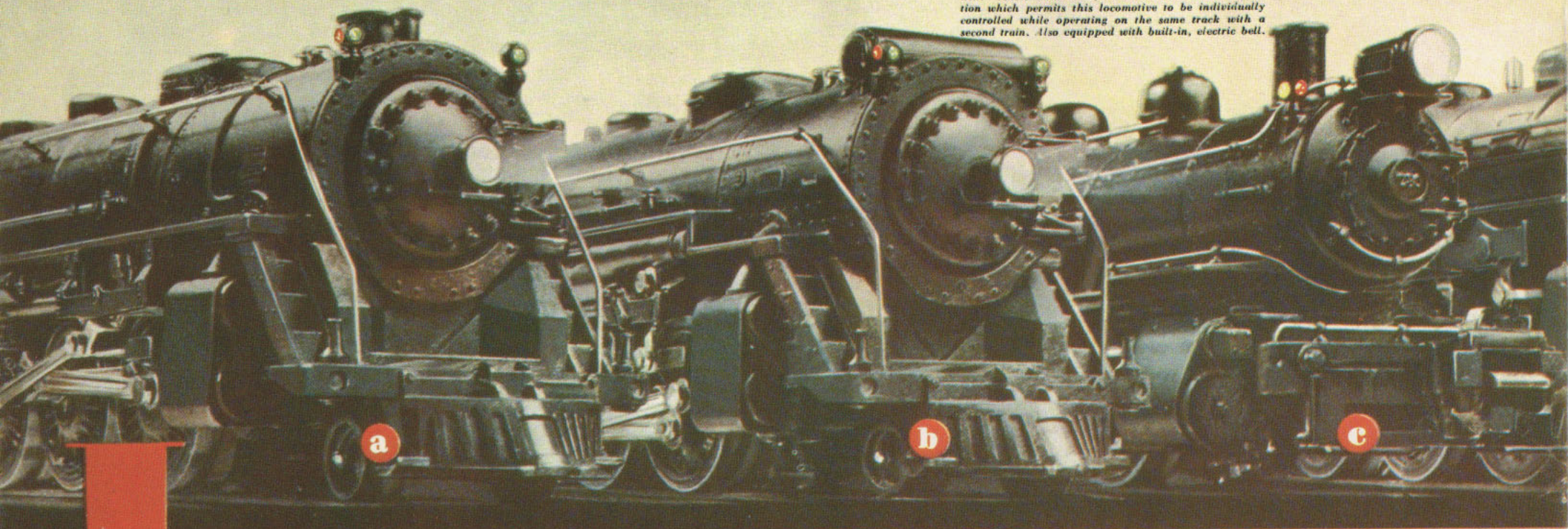
**New, Sensational Mystery Motor Enables Two Trains to Run on Same Track Circuit, at Same Time, Individually Controlled!**

### Outfit No. 1061 consists of:

- 1—No. 1666 Locomotive. 1—No. 2689T Tender.
- 2—No. 2640 Illuminated Pullman cars. 12" long.
- 1—No. 2641 Illuminated Observation car.
- 1—No. 1663 Switching engine with electric coupler.
- 1—No. 2201T Tender.
- 1—No. 3651 Electric lumber car. 6 $\frac{5}{8}$  inches long.
- 1—No. 2679 Box car. 9 $\frac{1}{4}$  inches long.
- 1—No. 2657X Caboose. 6 $\frac{5}{8}$  inches long.
- 10—Sections of No. 1013 Curved track.
- 17—Sections of No. 1018 Straight track.
- 1—Pair No. 1121 Electric Switches.
- 2—No. 1019 Remote control track.
- 1—UTC Lockon. 1—No. 168 Controller.
- Type "Q" Trainmaster Transformer.
- Track forms oval 72" by 54". Electric couplers throughout. Freight train is 42" long. Passenger train is 53 $\frac{1}{2}$ " long.

Price \$42.75

Scale model Lionel 0-6-0 switching engine now equipped with "MAGIC ELECTROL", the sensational Lionel invention which permits this locomotive to be individually controlled while operating on the same track with a second train. Also equipped with built-in, electric bell.



## Lionel 'O' Gauge

LIONEL "O" gauge is the enthusiastic first choice of boys everywhere because of its accurate, scale-proportioned, fully detailed locomotives; scale model rolling stock; faultless, time-tested, heavy-duty motors and patented, non-derailing switches.

But, even more important, in "O" gauge there are Lionel signals, semaphores, crossing gates, stations, bridges, tunnels and everything needed to assemble a modern, completely equipped railroad system.

"O" gauge locomotives are accurate, authentic copies of real railroad equipment, made from real railroad blueprints. There is no skimping of detail and no crude, unfinished abbreviations. Every pipe or handrail is in its place and every pump, seam or rivet head as clean, sharp and clearly defined as if it were cut with a jeweler's tool.

The word "gauge" is used to indicate the distance between the running rails of track. The word "scale" describes the proportion of the model to the original.

"O" gauge is  $1\frac{1}{4}$  inches. The gauge of real track in America is  $56\frac{1}{2}$  inches. "O" gauge is therefore approximately one forty-eighth actual size—a quarter-inch in the model being equal to a foot in the original. It is commonly called "quarter-inch scale". Eight sections of Lionel "O" gauge track form a circle occupying a space of  $30\frac{7}{8}$  inches square.

*If you have sufficient room for building an "O" gauge railroad with all the loops and switches and sidings you want it to have, then by all means choose "O" gauge. In this catalog are "O" gauge outfits of every type, style and price. There is one to fit your needs—exactly.*

### LOCOMOTIVE-TENDER OUTFITS

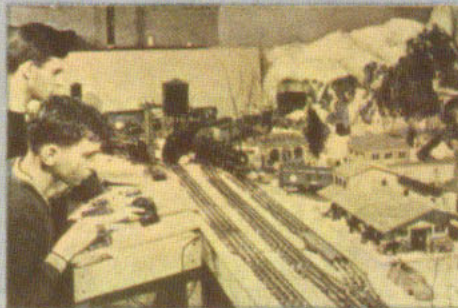
Lionel scale-detailed locomotives are way ahead of the field. There is no match for them, in appearance or performance, at anything near their price. This year, add a switching engine with "MAGIC ELECTROL" to your system and operate two trains on the same layout at the same time, with individual control of each.

- a** No. 2226EW—Tender has remote control, electric coupler and built-in railroad whistle. For cars of 2600, 2613, 2800, 600, 613 and 800 series. Includes No. 167 whistle-controller. Overall  $21\frac{1}{2}$  inches. **Price \$20.00**
- b** No. 2225EW—True to scale in outline and detail. Equipped with built-in whistle and electric coupler on tender. For cars of 2610, 2600 and 600 series. Complete with No. 167 whistle-controller. Overall  $17\frac{3}{4}$  inches. **Price \$17.50**
- c** No. 902B—For 2600 series cars. Equipped with electric bell and special couplers which may be actuated on any track any time.  $18\frac{1}{4}$  overall. **Price \$27.50**  
No. 903B—Same as No. 902B but for 2800 series cars. **Price \$27.50**  
No. 906B—Similar to No. 902B but with magnetic couplers and "Magic Electrol" for control of two trains on same layout. **Price \$26.50**  
No. 907B—Same as No. 906B but for 2800 series cars. **Price \$26.50**
- d** No. 2224EW—Tender has electric coupler and built-in, remote control whistle. For use with cars of the 2610, 2600 and 600 series. Outfit includes No. 167 whistle-controller. Measures, overall,  $17\frac{1}{4}$  inches long. **Price \$15.00**
- e** No. 905B—"Magic Electrol" operates two trains on same layout. Electric bell. Electric couplers on pilot and tender. For 2600 cars.  $16\frac{1}{4}$  overall. Complete with controller. **Price \$20.50**  
No. 905—Without bell. **Price \$16.75**
- f** No. 2229EW—Locomotive is die-cast with scale model accuracy. Tender has whistle and electric coupler. For cars of 2640, 2600 and 600 series. Outfit includes No. 167X whistle-controller. Overall 16 inches. **Price \$13.25**
- g** Commodore Vanderbilt locomotive and tender with electric coupler. Pressed steel construction. Enamel finish. Overall 17 inches long. Sold only in Outfit No. 135. See Page 20.

New, Lionel O-6-O switching engine equipped with Magic Electrol, the sensational Lionel invention which permits locomotive to be individually controlled while operating on the same track circuit with any second train. Available with or without built-in, electrically operated switching engine bell. Electro-magnetic couplers are built into the pilot and tender.



HURRAH FOR CHRISTMAS!  
NOW WE'RE A REAL  
MODEL RAILROAD CLUB



Framework for track in the clubrooms of the New York Society of Model Engineers, world-famous scale-model railroad organization.

## Would You Like to Join a Railroad Club?

Boys everywhere are organizing miniature railroad clubs—in schools, at Y.M.C.A.'s, Churches, etc.—in order to be able to operate their trains on larger, more elaborate track layouts—with real railroad rules and practices; with trains running on timetables; with regular, appointed dispatcher, yardmaster, towermen and engineers. With a teacher or adult sponsor, it's easy to organize a club and increases tremendously the fun of owning a train. Lionel has printed a special bulletin, *Model Railroads*, which tells how successful boys railroad clubs have been formed and maintained. A copy will be sent free.

No. 135  
\$1295



*Commodore Vanderbilt outfit includes 75-watt Type W Transformer.*

No. 267  
\$1250



**Outfit No. 135 consists of:**  
1—No. 265 locomotive.  
1—No. 2225T Tender, *With locomotive, 17" long.*  
1—No. 2654 Tank car,  $6\frac{5}{8}$  inches long.  
1—No. 2652 Gondola car,  $6\frac{5}{8}$  inches long.  
1—No. 2657 Caboose,  $6\frac{5}{8}$  inches long.  
8—OC Curved track, 3—OS Straight track.  
1—RCS Set, 1—UTC Lockon, 1—No. 88 Controller.  
1—Type "W", 75-watt, transformer.  
Tender and all cars have electric couplers. Train is  $41\frac{1}{8}$  inches long.

**Outfit No. 267 consists of:**  
1—No. 616 Illuminated Power car.  
2—No. 617 Illuminated coaches.  
1—No. 618 Illuminated Observation car.  
8—OC Curved track, 4—OS Straight track.  
1—UTC Lockon, 1—No. 88 Controller.  
Track supplied forms an oval  $51\frac{1}{2}$  by  $30\frac{3}{4}$  inches.  
Train is 42 inches long. Price \$12.50

**Outfit No. 267W.** Same as No. 267, but with Built-in Whistle and No. 167 Controller. Price \$16.50



No. 138  
\$1375



*Lumber car will unload logs at the touch of remote control button. Outfit includes an unloading bin.*

No. 139  
\$1295

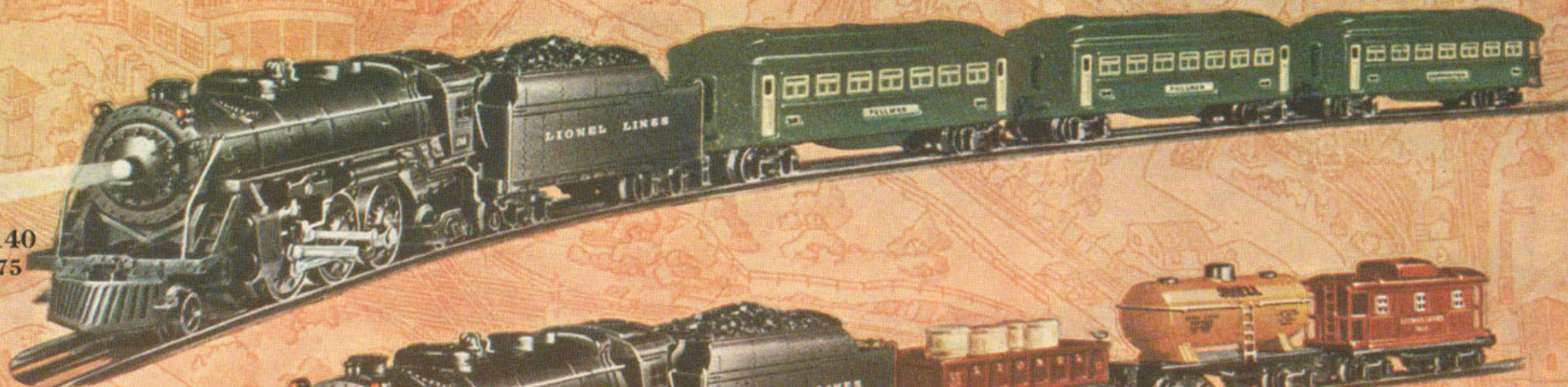


**Outfit No. 138 consists of:**  
1—No. 229 Scale-proportioned locomotive.  
1—No. 2689T Tender, *With locomotive, 16" long.*  
2—No. 2640 Illuminated Pullman cars, 12 ins. long.  
1—No. 2641 Illuminated Observation car, 12" long.  
8—OC Curved track, 1—OS Straight track.  
1—RCS Set, 1—UTC Lockon, 1—No. 88 Controller.  
Track oval, 41 by  $30\frac{3}{8}$  inches. Electric couplers throughout. Train is  $51\frac{1}{8}$  in. long. Price \$13.75  
**Outfit No. 138W.** Same as No. 138, but with Built-in Whistle and No. 167X Controller. Price \$17.50

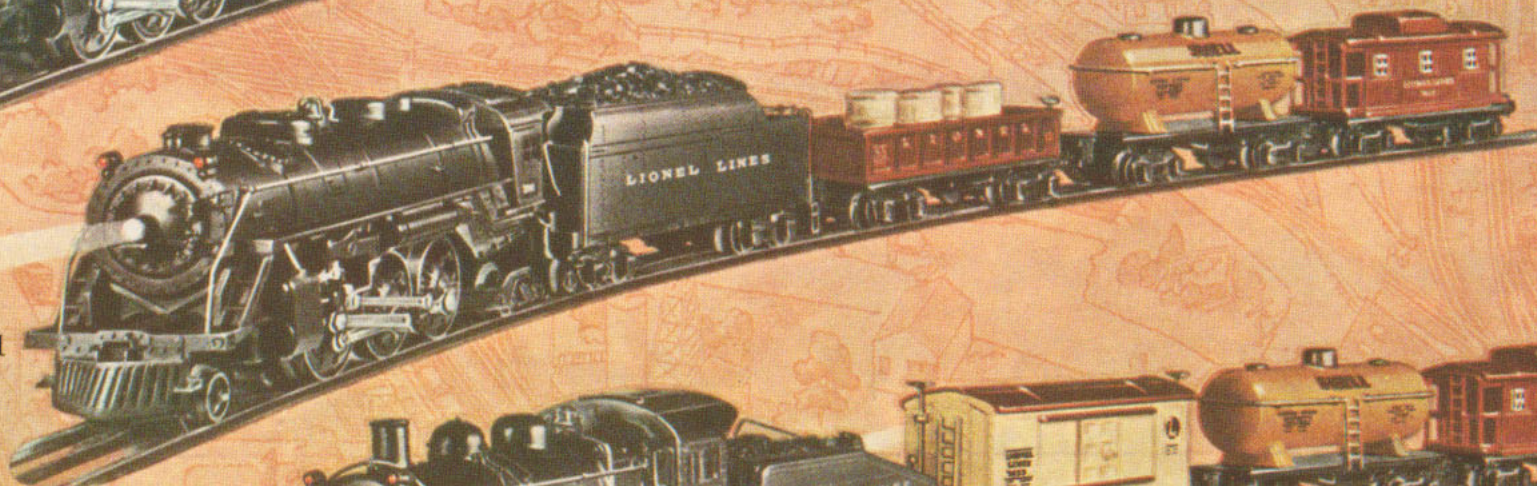
**Outfit No. 139 consists of:**  
1—No. 229 Scale-proportioned locomotive.  
1—No. 2689T Tender, *With locomotive, 16" long.*  
1—No. 2654 Tank car,  $6\frac{5}{8}$  inches long.  
1—No. 2651 Lumber car, 1—No. 2657 Caboose.  
3—OC Curved track, 1—OS Straight track.  
1—RCS Set, 1—UTC Lockon, 1—No. 88 Controller.  
Track oval, 41 by  $30\frac{3}{8}$  inches. Electric couplers throughout. Train is  $42\frac{1}{2}$  in. long. Price \$12.95  
**No. 139W.** Same with Whistle Equipment and No. 167X Controller. Price \$16.75

Model railroads in the backgrounds on these pages are completely described in the MODEL BUILDERS HANDBOOK.

No. 140  
\$1675



No. 141  
\$1500



**Outfit No. 140** consists of:

1—No. 224 Locomotive.  
1—No. 2224T Tender.  
2—No. 2640 Illuminated Pullmans, 12 ins. long.  
1—No. 2641 Illuminated Observation car, 12 inches long.  
8—Sections of OC Curved track. 3—OS Straight track.  
1—RCS Track set. 1—UTC Lockon. 1—No. 88 Controller.  
Track supplied forms an oval 51½ by 30¾ inches. Tender and all cars have electric couplers. Train is 53 inches long. Price \$16.75

**Outfit No. 140W**—Same, but with Built-in Whistle and No. 167 Whistle Controller. Price \$20.50

**Outfit No. 141** consists of:

1—No. 224 Six-wheel locomotive.  
1—No. 2224T Tender. With loco., 17¼ inches long.  
1—No. 2652 Gondola car, 6¾ inches long.  
1—No. 2654 Oil Tank car, 6¾ inches long.  
1—No. 2657 Caboose, 6¾ inches long.  
8—Sections of OC Curved track.  
3—Sections of OS Straight track.  
1—RCS Track set. 1—UTC Lockon. 1—No. 88 Controller.  
Track supplied forms an oval 51½ by 30¾ inches. Tender and all cars have electric couplers. Train is 44 inches long. Price \$15.00

**Outfit No. 141W**—Same as No. 141, but with Built-in Whistle and No. 167 Whistle Controller. Price \$18.75

No. 245  
\$1750



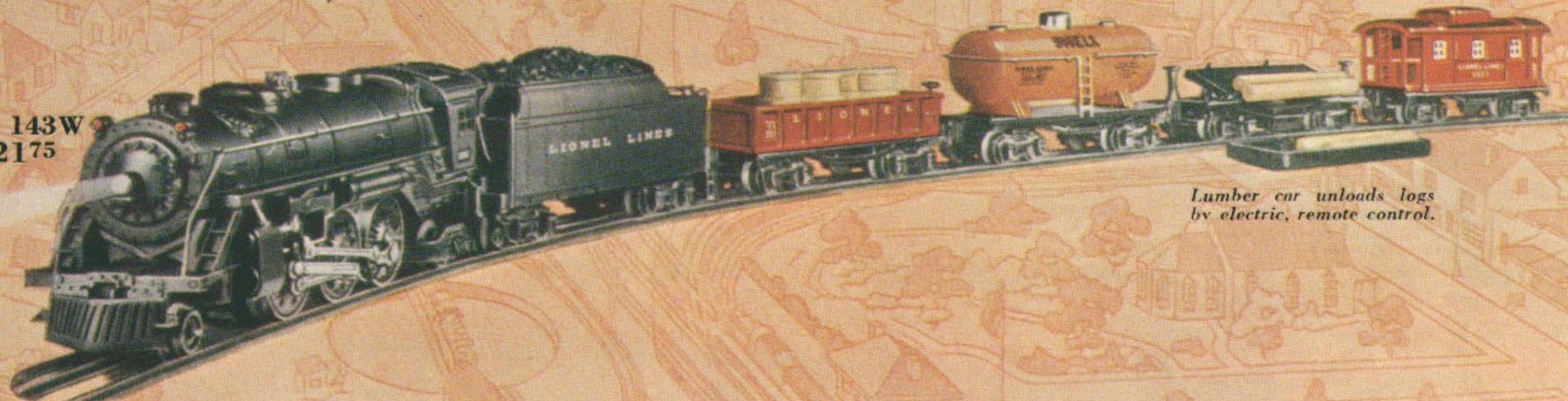
**Outfit No. 245** consists of:

1—No. 203 Six-wheel switcher.  
1—No. 2203T Tender. With engine, 16¼ inches long.  
1—No. 2655 Box car, 6¾ inches long.  
1—No. 2654 Oil Tank car, 6¾ inches long.  
1—No. 2657X Caboose, 6¾ inches long.  
8—Sections of OC Curved track.  
5—Sections of OS Straight track.  
1—RCS Track set. 1—UTC Lockon.  
1—No. 88 Reversing Controller.  
Track supplied forms an oval 61½ by 30¾ inches. Tender and all cars have electric couplers. Train is 41¼ inches long. Price \$17.50

**Outfit No. 245B**—Same as No. 245, but with Built-in Electrically Operated Switching Engine Bell.

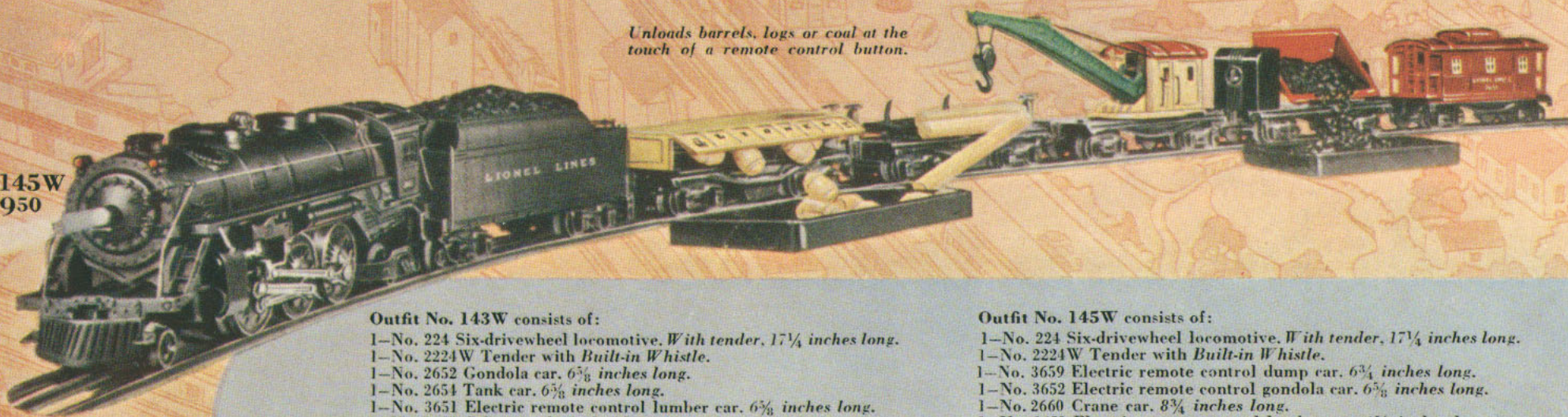
## NEW, HEAVY-DUTY FAST-FREIGHT

No. 143W  
\$2175



*Lumber car unloads logs by electric, remote control.*

No. 145W  
\$2950



*Unloads barrels, logs or coal at the touch of a remote control button.*

### Outfit No. 143W consists of:

- 1—No. 224 Six-drivewheel locomotive. *With tender, 17 1/4 inches long.*
- 1—No. 2224W Tender with *Built-in Whistle.*
- 1—No. 2652 Gondola car, *6 5/8 inches long.*
- 1—No. 2654 Tank car, *6 5/8 inches long.*
- 1—No. 3651 Electric remote control lumber car, *6 5/8 inches long.*
- 1—No. 2657 Caboose, *6 5/8 inches long.*
- 1—No. 160 Unloading bin.
- 3—Sections of OC Curved track.
- 3—Sections of OS Straight track.
- 1—RCS Track set, 1—UTC Lockon.
- 1—No. 167 Whistle Controller.

Track supplied forms an oval 51 1/8 by 30 3/8 inches. Tender and all cars have electric couplers. Train is 52 1/4 inches long.

Price \$21.75

### Outfit No. 145W consists of:

- 1—No. 224 Six-drivewheel locomotive. *With tender, 17 1/4 inches long.*
- 1—No. 2224W Tender with *Built-in Whistle.*
- 1—No. 3659 Electric remote control dump car, *6 3/4 inches long.*
- 1—No. 3652 Electric remote control gondola car, *6 5/8 inches long.*
- 1—No. 2660 Crane car, *8 3/4 inches long.*
- 1—No. 3651 Electric remote control lumber car, *6 5/8 inches long.*
- 1—No. 2657 Caboose, *6 5/8 inches long.*
- 8—Sections of OC Curved track.
- 3—Sections of OS Straight track.
- 1—RCS Track set, 1—UTC Lockon.
- 1—No. 167 Whistle Controller.
- 3—No. 160 Unloading bins.

Track supplied forms an oval 51 1/8 by 30 3/8 inches. Tender and all cars have electric couplers. Train is 60 3/4 inches long.

Price \$29.50



**ELECTRIC**  
Remote Control  
**COUPLERS**

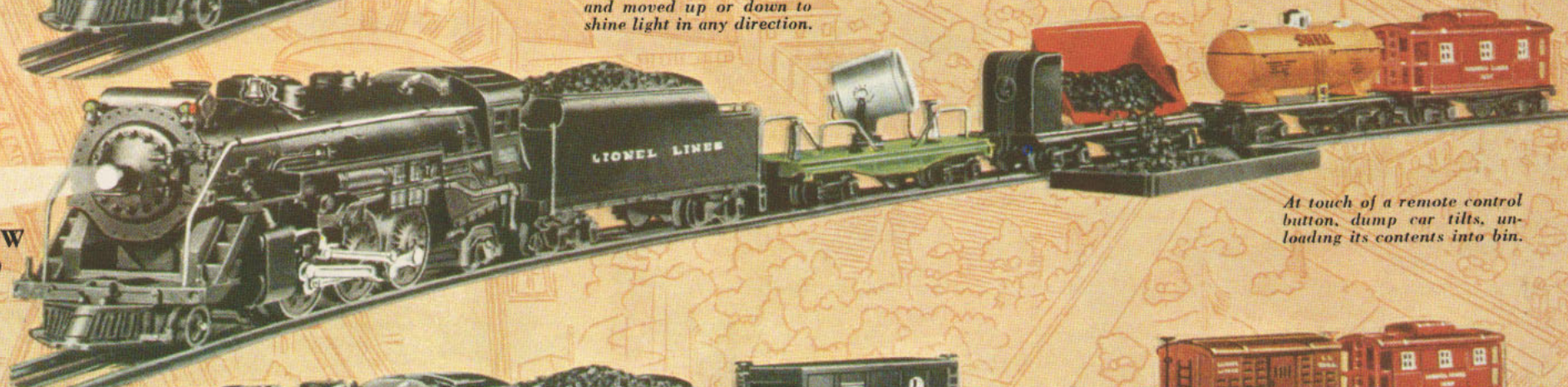


No. 146W  
\$2395



*Cars are fitted with interior lights and removable roofs.*

No. 149W  
\$2750



*At touch of a remote control button, dump car tilts, unloading its contents into bin.*

No. 247W  
\$2395



*Lumber car unloads logs electrically. Unloading bin is included in outfit.*

**Outfit No. 146W consists of:**

- 1—No. 225 Locomotive.
  - 1—No. 2245W Tender, Built-in Whistle.
  - 1—No. 2602 Illuminated Baggage car.  $9\frac{1}{8}$ " long.
  - 1—No. 2600 Illuminated Pullman car.  $9\frac{1}{8}$ " long.
  - 1—No. 2601 Illuminated Observation.  $9\frac{1}{8}$ " long.
  - 8—Sections of OC Curved Track.
  - 3—Sections of OS Straight track.
  - 1—RCS Track set. 1—UTC Lockon.
  - 1—No. 167 Whistle Controller.
- Track supplied forms an oval  $51\frac{1}{8}$  by  $30\frac{3}{8}$  inches. Tender and all cars have electric couplers. Train is  $51\frac{3}{8}$  inches long. Price \$23.95

**Outfit No. 149W consists of:**

- 1—No. 225 Six-drivewheel locomotive.
  - 1—No. 2235W Tender, with Built-in Whistle.
  - 1—No. 2620 Floodlight car.  $6\frac{3}{8}$  inches long.
  - 1—No. 3659 Electric dump car.  $6\frac{3}{8}$  inches long.
  - 1—No. 2654 Tank car.  $6\frac{3}{8}$  inches long.
  - 1—No. 2657 Caboose.  $6\frac{3}{8}$  inches long.
  - 1—No. 160 Unloading bin.
  - 8—Sections of OC Curved track.
  - 3—Sections of OS Straight track.
  - 1—RCS Track set. 1—UTC Lockon.
  - 1—No. 167 Whistle Controller.
- Track supplied forms an oval  $51\frac{1}{8}$  by  $30\frac{3}{8}$  inches. Tender and all cars have electric couplers. Train is  $51\frac{3}{4}$  inches long. Price \$27.50

**Outfit No. 247W consists of:**

- 1—No. 225 Six-drivewheel locomotive.
  - 1—No. 2235W Tender with Built-in Whistle.
  - 1—No. 2653 Coal car.  $6\frac{3}{4}$  inches long.
  - 1—No. 3651 Electric lumber car.  $6\frac{3}{8}$  inches long.
  - 1—No. 2656 Cattle car.  $6\frac{3}{8}$  inches long.
  - 1—No. 2657 Caboose.  $6\frac{3}{8}$  inches long.
  - 1—No. 160 Unloading bin.
  - 8—Sections of OC Curved track.
  - 3—Sections of OS Straight track.
  - 1—RCS Track set. 1—UTC Lockon.
  - 1—No. 167 Whistle Controller.
- Track supplied forms an oval  $51\frac{1}{8}$  by  $30\frac{3}{8}$  inches. Tender and all cars have electric couplers. Train is  $52\frac{3}{8}$  inches long. Price \$23.95



**ELECTRIC**  
Remote Control  
**COUPLERS**



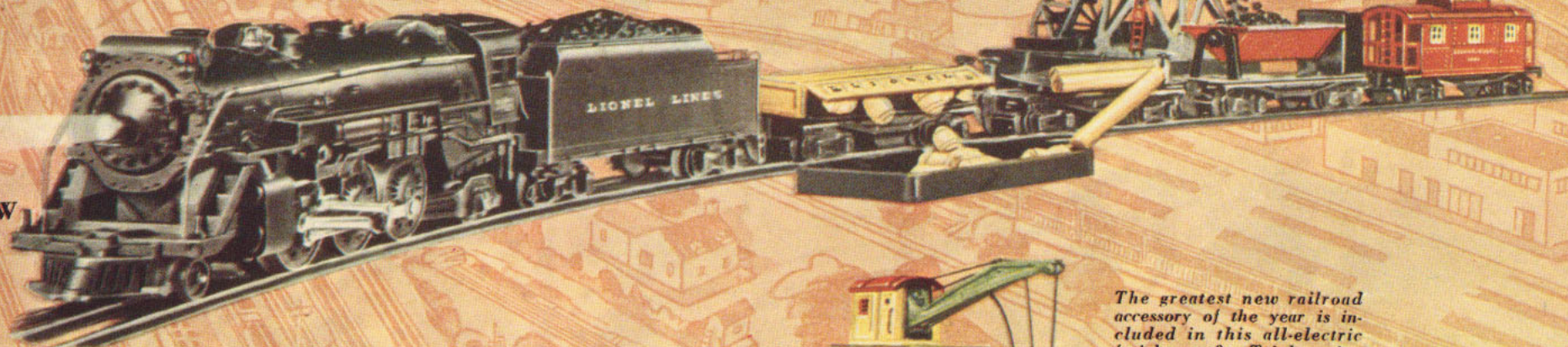
## NEW, ALL-ELECTRIC FREIGHT OUTFITS

Scale Detailed Locomotives with Remote Control Cars

The exciting action of this new all-electric outfit will make your friends pop-eyed with envy. Electric coal elevator has motor-driven conveyor. Gondola, lumber and dump car are unloaded by remote control.

Model railroads in the backgrounds on these pages are completely described in the MODEL BUILDERS HANDBOOK.

No. 131W  
\$3250



The greatest new railroad accessory of the year is included in this all-electric freight outfit. Triple-action Magnetic Crane lifts steel beams as if they were mere toothpicks, raising, lowering or swinging them in complete circles.

No. 269W  
\$2950



Outfit No. 131W consists of:

- 1—No. 225 Six-drivewheel locomotive.
  - 1—No. 2235W Tender with Built-in Whistle.
  - 1—No. 97 Remote control Coal Elevator.
  - 1—No. 3659 Electric Dump car,  $6\frac{3}{8}$  inches long.
  - 1—No. 3652 Electric Gondola car,  $6\frac{3}{8}$  inches long.
  - 1—No. 3651 Electric Lumber car,  $6\frac{3}{8}$  inches long.
  - 1—No. 2657 Caboose,  $6\frac{3}{8}$  inches long.
  - 8—Sections of OC Curved track. 3—OS Straight track.
  - 1—RCS Set. 1—UTC Lockon. 1—No. 167 Whistle Controller.
  - 3—No. 160 Unloading bins.
- Tender and all cars have electric couplers. Train is  $51\frac{1}{8}$  inches long. Track supplied forms an oval  $51\frac{1}{8}$  by  $30\frac{3}{8}$  inches.

Price \$32.50

Outfit No. 269W consists of:

- 1—No. 225 Six-drivewheel locomotive. With tender,  $17\frac{3}{4}$  inches.
  - 1—No. 2235W Tender with Built-in Whistle.
  - 1—No. 3651 Electric Lumber car,  $6\frac{3}{8}$  inches long.
  - 2—No. 2652 Gondola cars,  $6\frac{3}{8}$  inches long.
  - 1—No. 2657 Caboose,  $6\frac{3}{8}$  inches long.
  - 1—No. 165 Electric remote control Crane.
  - 8—Sections of OC Curved track.
  - 3—Sections of OS Straight track.
  - 1—RCS Set. 1—UTC Lockon. 1—No. 167 Whistle Controller.
  - 2—No. 160 Unloading bins.
- Tender and all cars have electric couplers. Train is  $52\frac{3}{8}$  inches long. Track supplied forms an oval  $51\frac{1}{8}$  by  $30\frac{3}{8}$  inches.

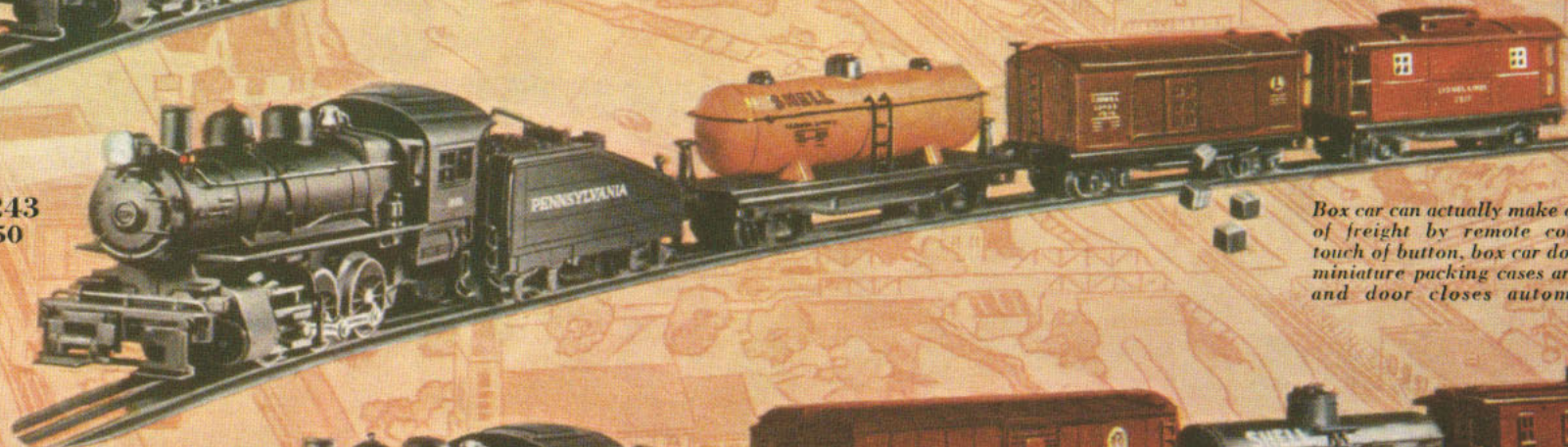
Price \$29.50



No. 239  
\$29.50



No. 243  
\$33.50



No. 251  
\$37.50



## SCALE MODEL SUPER-DETAILED YARD GOATS

Never has a switching engine been built with such fidelity of detail. This die-cast 0-6-0 Lionel masterpiece contains worm gear drive, electric pilot coupler, steel tires, sloping-back tender and back-up headlight.

Box car can actually make deliveries of freight by remote control. At touch of button, box car door opens, miniature packing cases are ejected and door closes automatically.

These are three of the new Lionel scale model freight cars which have established a new standard for flawless detail in scale craftsmanship. Each is equipped with electro-magnetic couplers.

### Outfit No. 239 consists of:

- 1-No. 227 Switching engine. 1-No. 2227T Tender.
- 1-No. 2652 Gondola car.  $6\frac{5}{8}$  inches long.
- 1-No. 2656 Cattle car.  $6\frac{5}{8}$  inches long.
- 1-No. 2657X Caboose.  $6\frac{5}{8}$  inches long.
- 8-OC Curved track. 3-OS Straight track.
- RCS Track set. UTC Lockon. No. 169 Controller.
- Engine, tender and all cars have electric couplers.
- Train is  $43\frac{1}{4}$  inches long. Track supplied forms an oval  $51\frac{1}{8}$  by  $30\frac{3}{8}$  inches. Price \$29.50

No. 239B—Same, with Built-in Electric Bell. \$33.50

### Outfit No. 243 consists of:

- 1-No. 228 Scale model switching engine.
- 1-No. 2228T Tender. Loco. and tender  $18\frac{1}{4}$ " long.
- 1-No. 2815 Tank car.  $8\frac{7}{8}$  inches long.
- 1-No. 3814 Electric Merchandise car.  $8\frac{7}{8}$  in. long.
- 1-No. 2817 Caboose.  $8\frac{7}{8}$  inches long.
- 8-OC Curved track. 3-OS Straight track.
- 1-RCS Track set. 1-UTC Lockon.
- 1-No. 169 Uncoupling and reversing controller.
- Engine, tender and all cars have electric couplers.
- Train is  $50\frac{1}{4}$  inches long. Track supplied forms an oval  $51\frac{1}{8}$  by  $30\frac{3}{8}$  inches. Price \$33.50

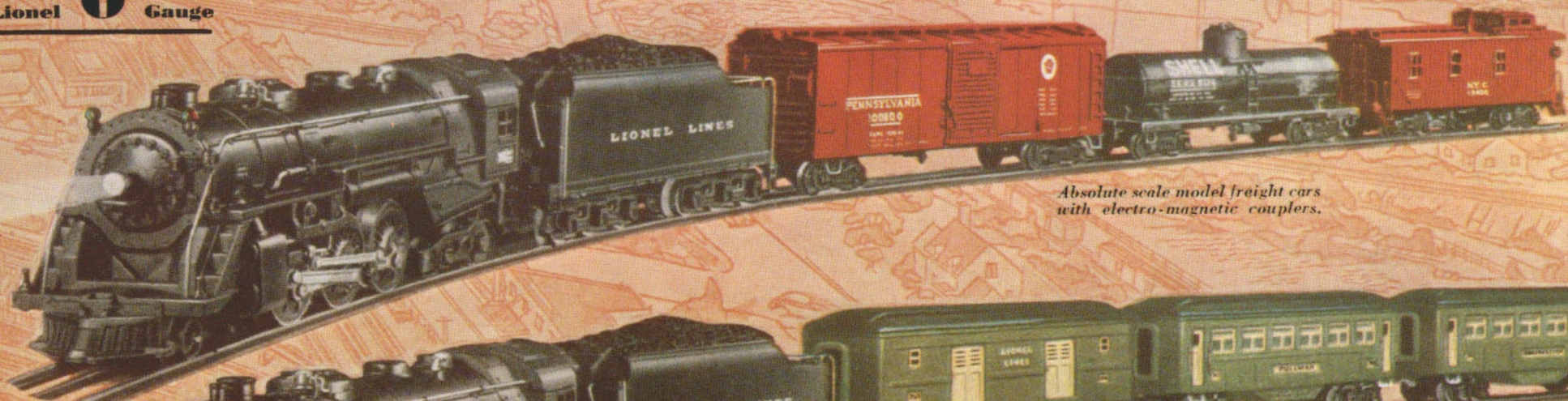
No. 243B—Same, with Built-in Electric Bell. \$37.50

### Outfit No. 251 consists of:

- 1-No. 227 Scale model switching engine.
- 1-No. 2227T Tender. Loco. and tender  $18\frac{1}{4}$ " long.
- 1-No. 2954 Scale Box car.  $10\frac{1}{4}$  inches long.
- 1-No. 2955 Scale Tank car.  $9\frac{1}{4}$  inches long.
- 1-No. 2957 Illuminated Scale Caboose. 9 in. long.
- 8-OC Curved track. 3-OS Straight track.
- 1-RCS Track set. 1-UTC Lockon.
- 1-No. 169 Uncoupling and reversing controller.
- Engine, tender and all cars have electric couplers.
- Train is  $50\frac{1}{4}$  inches long. Track supplied forms an oval  $51\frac{1}{8}$  by  $30\frac{3}{8}$  inches. Price \$37.50

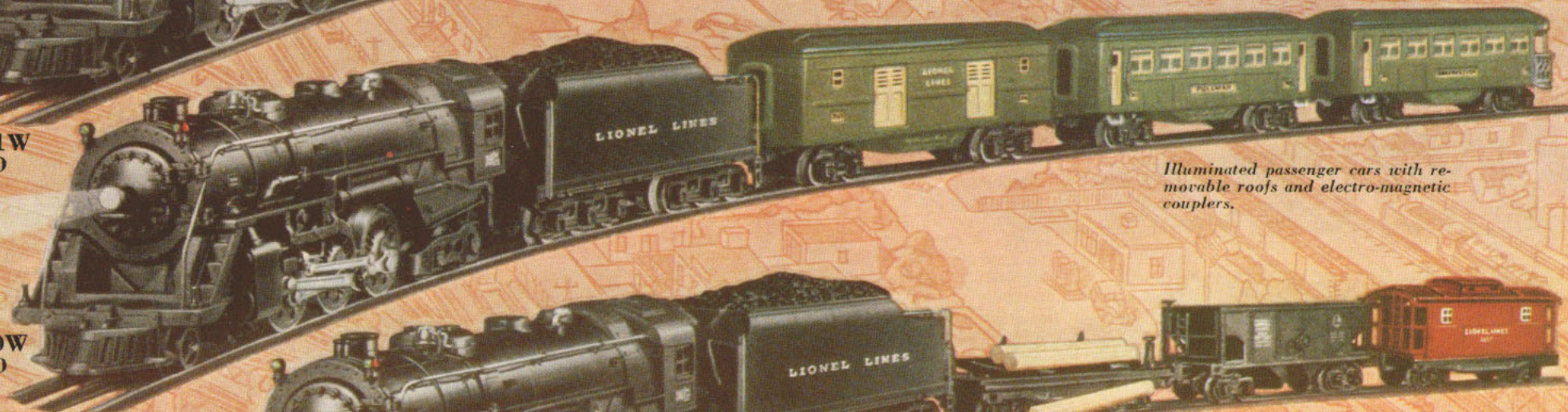
No. 251B—Same, with Built-in Electric Bell. \$41.50





*Absolute scale model freight cars with electro-magnetic couplers.*

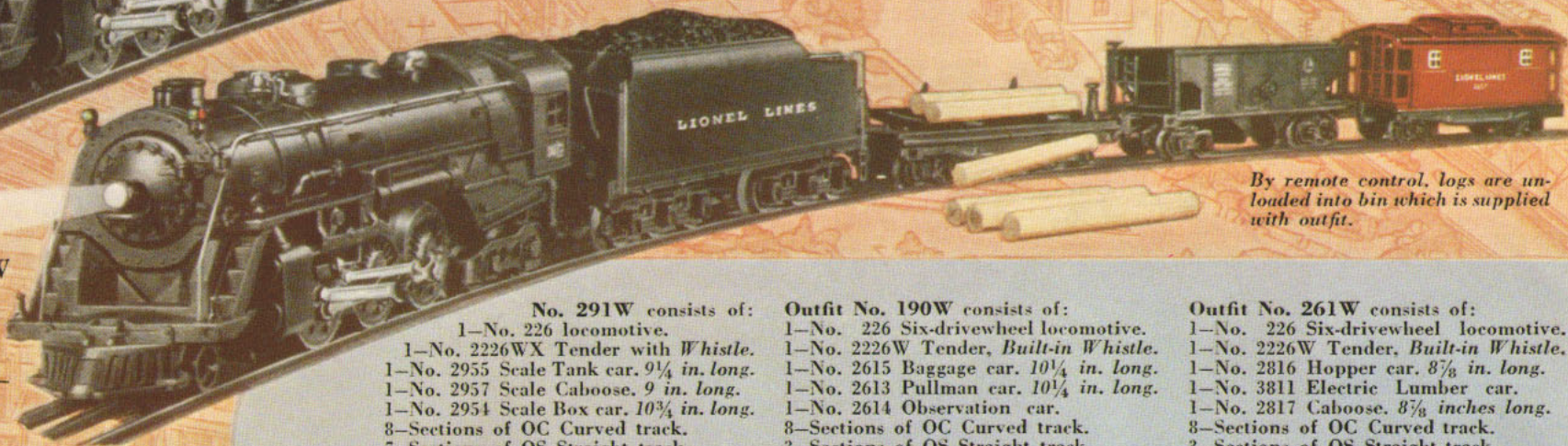
**No. 291W**  
\$3250



*Illuminated passenger cars with removable roofs and electro-magnetic couplers.*

**No. 190W**  
\$2950

**No. 261W**  
\$2850



*By remote control, logs are unloaded into bin which is supplied with outfit.*



Model railroads in the backgrounds on these pages are completely described in the MODEL BUILDERS HANDBOOK.

**No. 291W consists of:**

- 1-No. 226 locomotive.
  - 1-No. 2226WX Tender with *Whistle*.
  - 1-No. 2955 Scale Tank car.  $9\frac{1}{4}$  in. long.
  - 1-No. 2957 Scale Caboose. 9 in. long.
  - 1-No. 2954 Scale Box car.  $10\frac{3}{4}$  in. long.
  - 8-Sections of OC Curved track.
  - 7-Sections of OS Straight track.
  - 1-RCS Track set. 1-UTC Lockon.
  - 1-No. 167 Whistle Controller.
- Tender and all cars have *electric couplers*. Caboose is *illuminated*. Train is 55 inches long. Track supplied forms an oval  $71\frac{1}{4}$  by  $30\frac{3}{8}$  inches. Price \$32.50

**Outfit No. 190W consists of:**

- 1-No. 226 Six-drivewheel locomotive.
  - 1-No. 2226W Tender, *Built-in Whistle*.
  - 1-No. 2615 Baggage car.  $10\frac{1}{4}$  in. long.
  - 1-No. 2613 Pullman car.  $10\frac{1}{4}$  in. long.
  - 1-No. 2614 Observation car.
  - 8-Sections of OC Curved track.
  - 3-Sections of OS Straight track.
  - 1-RCS Track set. 1-UTC Lockon.
  - 1-No. 167 Whistle Controller.
- Tender and all cars have *electric couplers*. All cars have *interior illumination*. Train is  $56\frac{1}{8}$  inches. Track forms an oval  $51\frac{1}{8}$  by  $30\frac{3}{8}$  inches. Price \$29.50

**Outfit No. 261W consists of:**

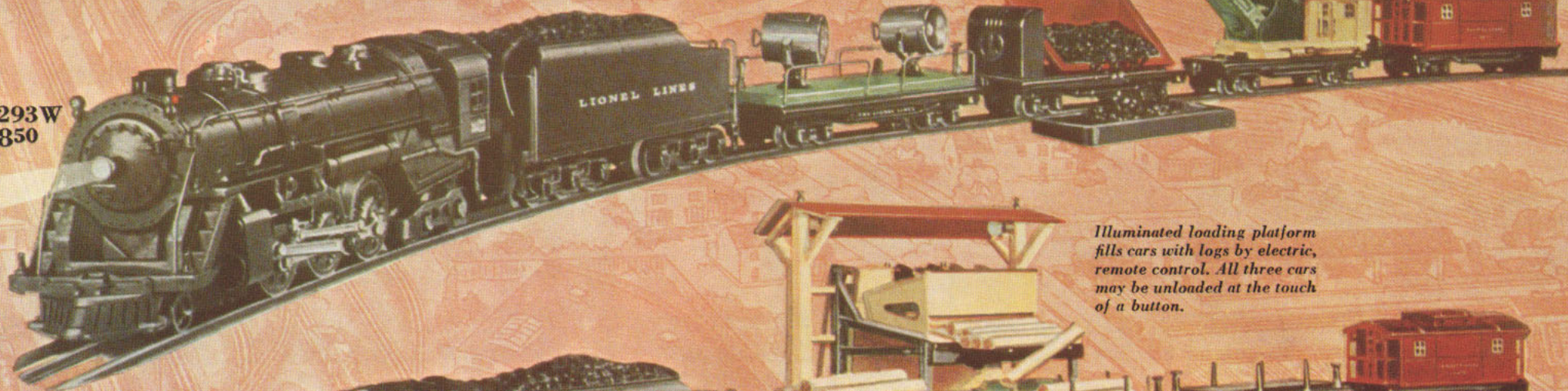
- 1-No. 226 Six-drivewheel locomotive.
  - 1-No. 2226W Tender, *Built-in Whistle*.
  - 1-No. 2816 Hopper car.  $8\frac{7}{8}$  in. long.
  - 1-No. 3811 Electric Lumber car.
  - 1-No. 2817 Caboose.  $8\frac{7}{8}$  inches long.
  - 8-Sections of OC Curved track.
  - 3-Sections of OS Straight track.
  - 1-RCS Track set. 1-UTC Lockon.
  - 1-No. 167 Whistle Controller.
- Tender and all cars have *electric couplers*. Train is  $54\frac{1}{8}$  inches long. Track supplied forms an oval  $51\frac{1}{8}$  by  $30\frac{3}{8}$  inches. Price \$28.50

## SCALE DETAILED 2-6-4 ENGINES

With this great, 21-inch Lionel king-of-the-rails in operation on your pike, you'll be the envy of every model railroader you know! It's got enough draw-bar pull to whisk away the heaviest drags and sing up the toughest grades.

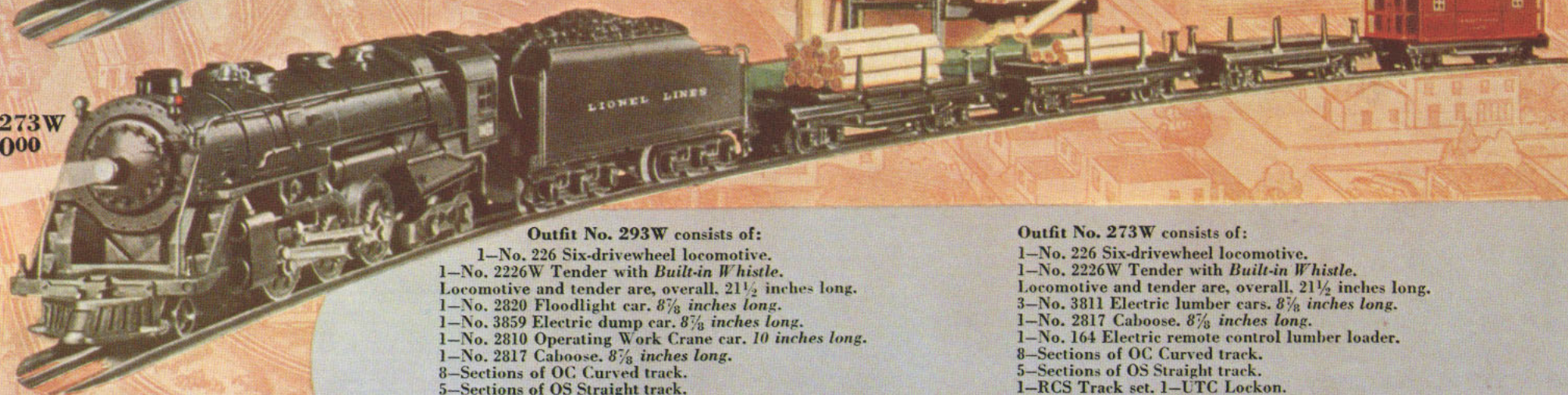
Dump car is tilted by remote control. Floodlights can be adjusted to any angle. Crane can be raised or lowered and turned from side to side.

No. 293W  
\$3850



Illuminated loading platform fills cars with logs by electric, remote control. All three cars may be unloaded at the touch of a button.

No. 273W  
\$4000



### Outfit No. 293W consists of:

- 1-No. 226 Six-drivewheel locomotive.
- 1-No. 2226W Tender with Built-in Whistle.
- Locomotive and tender are, overall, 21½ inches long.
- 1-No. 2820 Floodlight car. 8⅞ inches long.
- 1-No. 3859 Electric dump car. 8⅞ inches long.
- 1-No. 2810 Operating Work Crane car. 10 inches long.
- 1-No. 2817 Caboose. 8⅞ inches long.
- 8-Sections of OC Curved track.
- 5-Sections of OS Straight track.
- 1-RCS Track set. 1-UTC Lockon.
- 1-No. 167 Whistle Controller.
- 1-No. 160 Unloading Bin.

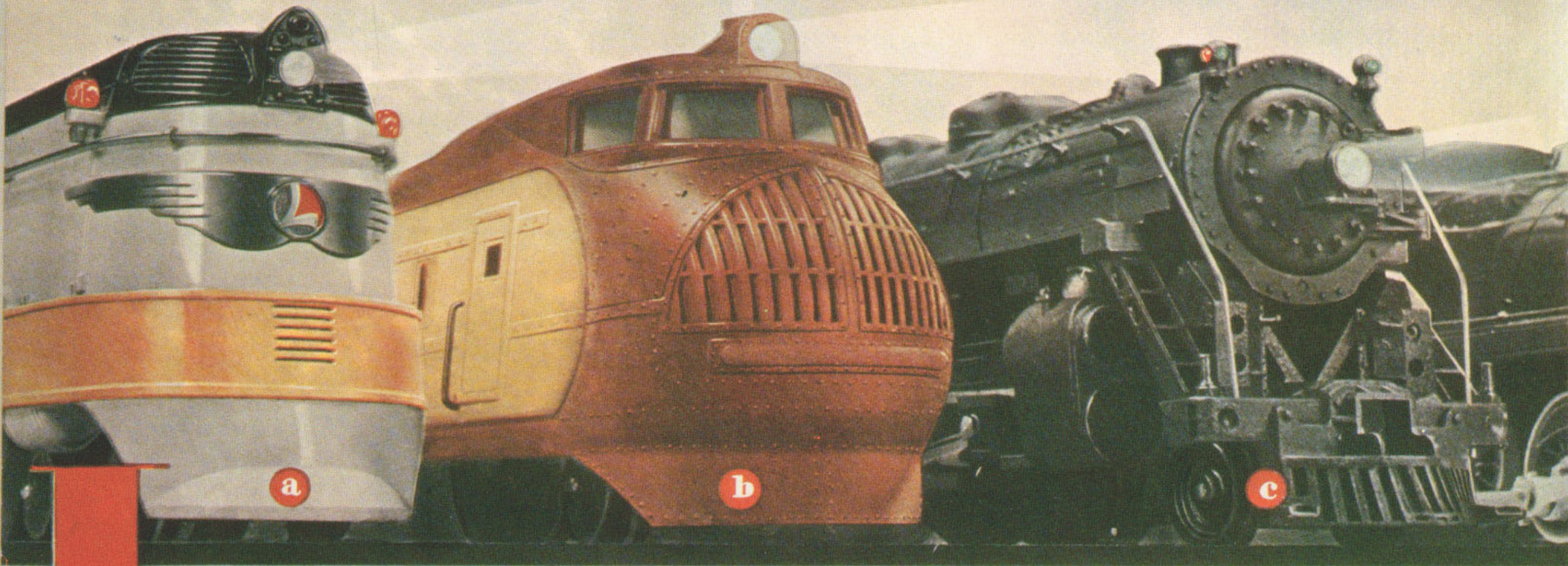
Track supplied forms an oval 61¼ by 30⅞ inches. Tender and all cars have electric couplers. Train is 65 inches long. Price \$38.50

### Outfit No. 273W consists of:

- 1-No. 226 Six-drivewheel locomotive.
- 1-No. 2226W Tender with Built-in Whistle.
- Locomotive and tender are, overall, 21½ inches long.
- 3-No. 3811 Electric lumber cars. 8⅞ inches long.
- 1-No. 2817 Caboose. 8⅞ inches long.
- 1-No. 164 Electric remote control lumber loader.
- 8-Sections of OC Curved track.
- 5-Sections of OS Straight track.
- 1-RCS Track set. 1-UTC Lockon.
- 1-No. 167 Whistle Controller.
- 3-No. 160 Unloading Bins.

Track supplied forms an oval 61¼ by 30⅞ inches. Tender and all cars have electric couplers. A large supply of miniature logs is included in this logging outfit. Train is 64 inches long. Price \$40.00





## Lionel 'O-72' Series

**L**IONEL "O-72" Series trains are "O" gauge, quarter-inch scale models. The track on which they operate differs from other "O" gauge track in that its curved sections form a larger circle, which measures 72 inches in diameter. Both straight and curved track are also more realistic because they contain many closely spaced black ties.

There are two different types of "O-72" track. One has the regular, plated, tubular rail which is rolled into shape. The other type has rail which is solid steel and is accurately drawn into the conventional railroad T. Solid rail track is joined, one section to the next, by bolts and fish plates.

28 All "O-72" trains except Outfit Nos. 709W, 707W

and 705 are equipped with tubular track. Nos. 709W, 707W and 705 include solid steel-rail track. Locomotive Nos. 700EW and 708 are made for operation on solid steel-rail track.

Streamline cars and all locomotives in the "O-72" series are strictly true-to-scale. Their very long wheel base prevents their operation over the sharp curves of regular "O" gauge track.

All accessories that are suitable for use with "O" gauge trains may, of course, be used with "O-72" series trains. For additional cars, refer to Pages 43, 44, 45 and 46.

Both tubular and solid steel rail "O-72" track, switches and crossovers are illustrated on Page 49.

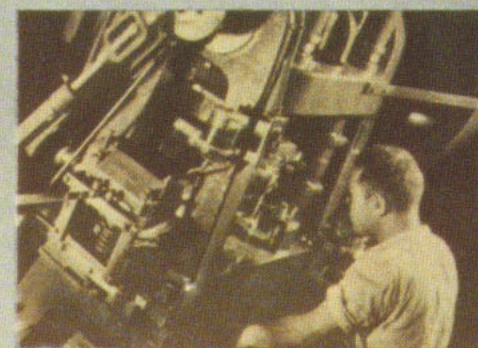
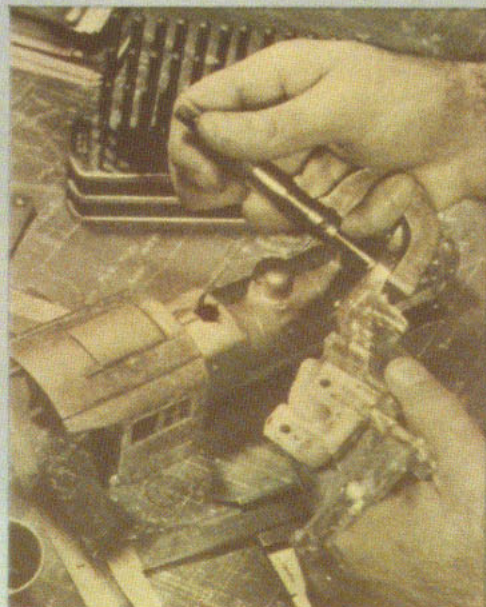
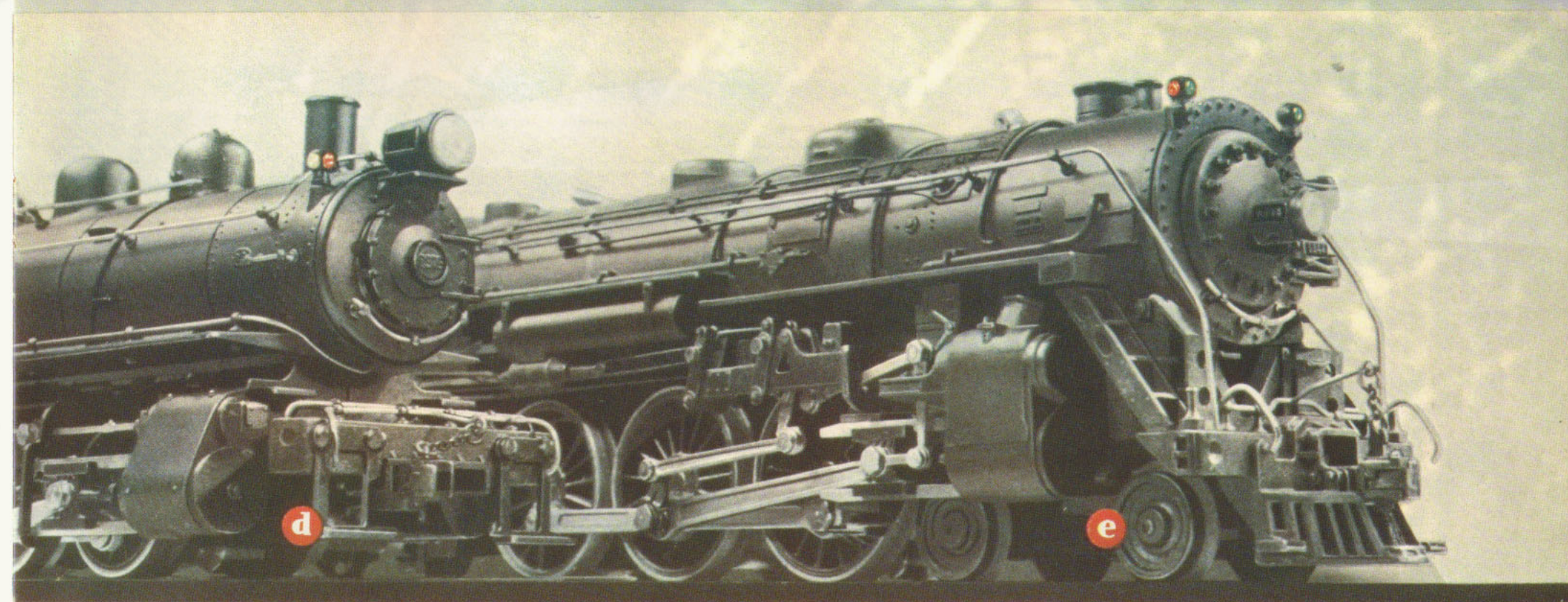
**a** No. 2250EW Locomotive-Tender Outfit—Streamlined pacemaker of the Milwaukee Railroad, die-cast and highly detailed. Outfit has built-in locomotive whistle. For use on "O-72" track with 2613, 613, 2800 and 800 series. Locomotive and tender 24½" long. Whistle controller included. Price \$25.75

**b** No. 752W Power Car Outfit—Accurate scale model reproduction of the famous million-dollar streamliner of the Union Pacific Railroad. Equipped with double-reduction spur gears and built-in whistle. Fitted with powerful double-beam headlight. Complete with whistle controller. Price \$12.50

**c** No. 2763EWX Locomotive-Tender Outfit—Scale model, die-cast Hudson locomotive with oil-type tender. Worm gear drive. For use only on "O-72" track with cars 2613, 613, 2800 and 800 series. Locomotive and tender overall measure 24½ inches. Outfit includes whistle controller. Price \$38.25

**d** No. 708 Switching Engine-Tender Outfit—Described in detail with complete pictures on Page 35, this scale-model, worm-driven Pennsylvania Railroad 0-6-0 switching engine is one of the finest reproductions Lionel has ever built. Turn to Page 35 now and read all about it. Price \$35.00

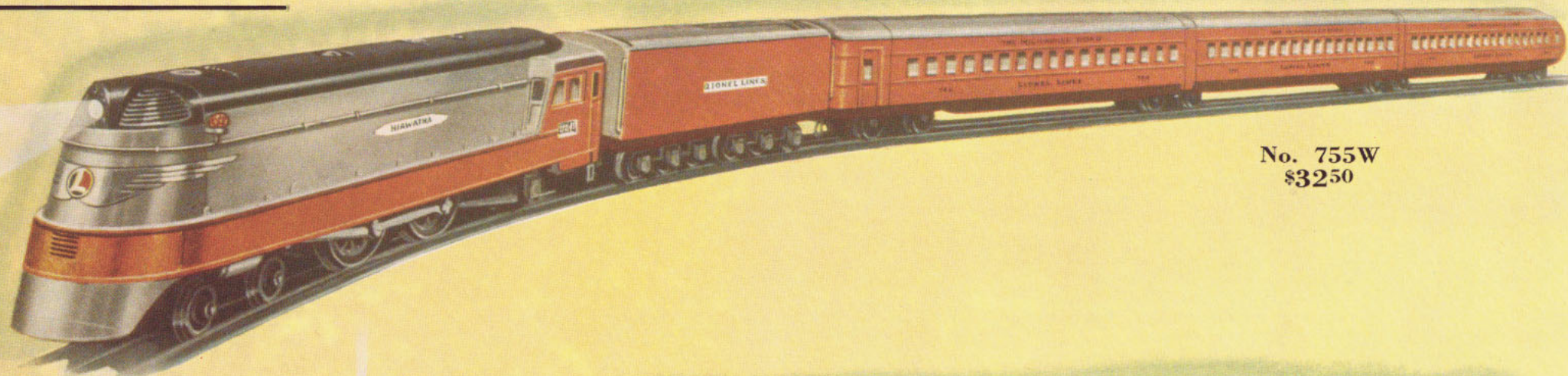
**e** No. 700EW Hudson Locomotive-Tender Outfit—A complete description and picture of this monarch of the rails appear on Page 34. Available two ways: in easily assembled kits—and as a finished masterpiece, driven through a worm gear, equipped with a built-in whistle and ready for action. For use on "O-72" solid rail only. Equipped with scale couplers. Price \$65.00



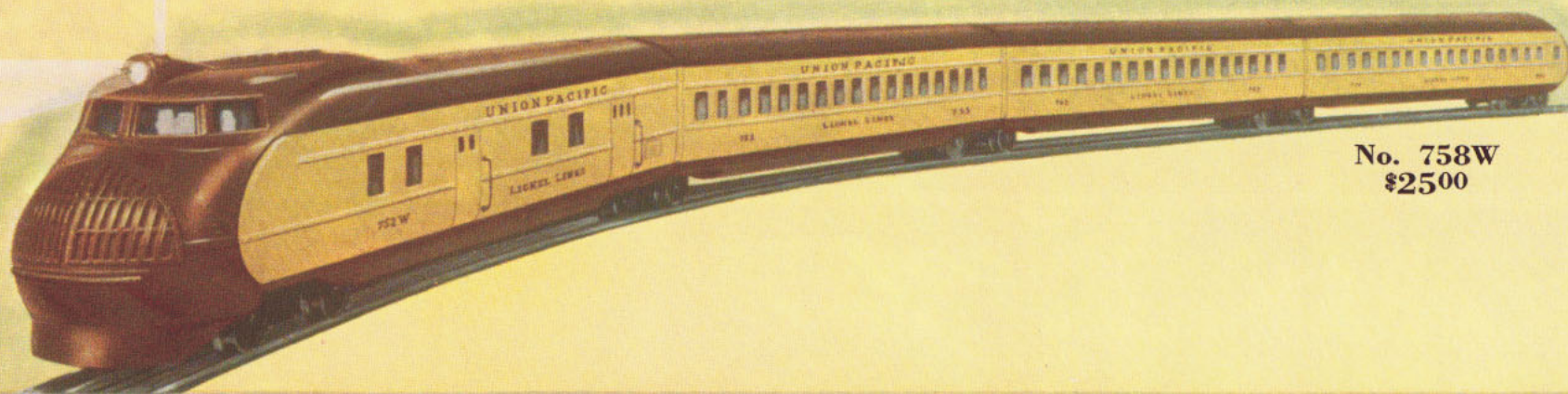
### THESE MASTER CRAFTSMEN ARE WORKING FOR YOU

When you make Lionel Headquarters the source of supply for your miniature railroad system, you engage the services of a long-experienced group of master craftsmen, engineers and technicians who, with consummate skill, are able to keep the equipment on your railroad the finest in all the world. On this page are several pictures of these men at work in the Lionel plant — following real railroad

specifications for the construction of Lionel models — checking preliminary die castings to maintain tolerances of less than five ten-thousandths of an inch — moulding first models in plaster to double-check requisitions for patterns and dies — producing Lionel Trains on ultra-modern, high speed presses and casting machines. It's a combination of machinery, skill, craftsmanship and gray-matter that's invincible.



No. 755W  
\$3250



No. 758W  
\$2500

## OFFICIAL WHISTLE SIGNALS

• means a short blast, — a long blast.

- Apply brakes. Stop.
- Release brakes. Proceed.
- Flagman go back and protect rear of train.
- Flagman may return from west or south.
- Flagman may return from east or north.
- Flagman in motion has parted.
- Train in motion has parted.
- When train is standing, back.
- Approaching highway crossing at grade.
- A succession of short blasts is an alarm for persons or live stock on the track.

### Outfit No. 755W consists of:

- 1—No. 250 Hiawatha streamline locomotive.
- 1—No. 250WX Tender.
- 1—No. 782 Illuminated Pullman car.  $16\frac{1}{8}$  inches long.
- 1—No. 783 Illuminated coach.  $13\frac{3}{8}$  inches long.
- 1—No. 784 Illuminated Observation car.  $15\frac{5}{8}$  inches long.
- 16—Sections of No. 761 Curved track.
- 4—Sections of No. 762 Straight track.
- 1—UTC Lockon.
- 1—No. 167 Whistle Controller.

Fast twin-city express of the Milwaukee Railroad, accurately reproduced. Track supplied forms an oval  $103\frac{1}{4}$  by  $74\frac{1}{4}$  inches. Train is  $65\frac{5}{8}$  inches long.

Price \$32.50

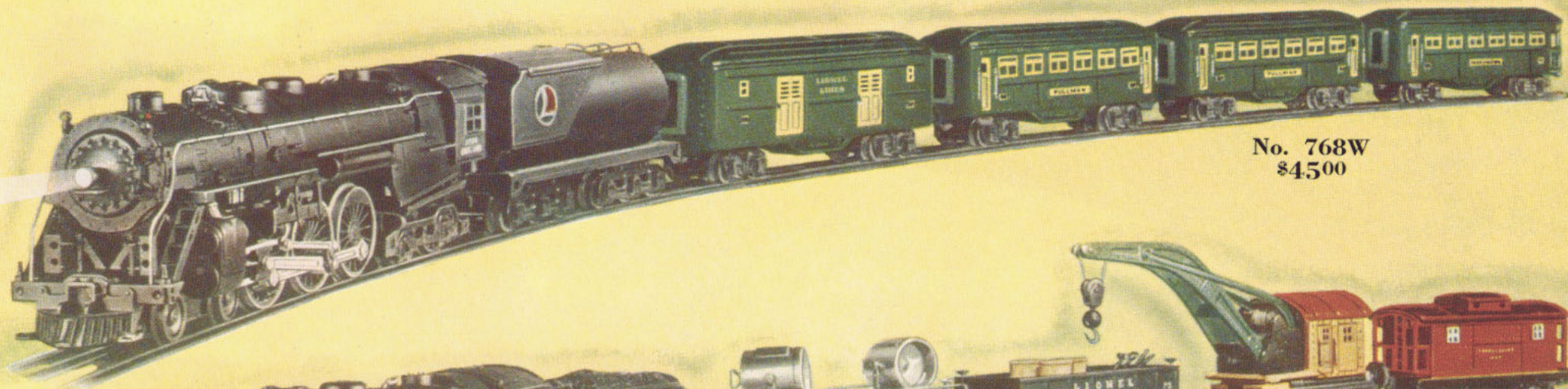
### Outfit No. 758W consists of:

- 1—No. 752W Power car.  $16\frac{1}{8}$  inches long.
- 2—No. 753 Illuminated Coaches including vestibule which contain four-wheel trucks.  $13\frac{3}{8}$  inches long.
- 1—No. 754 Illuminated Observation car.  $15\frac{5}{8}$  inches long.
- 1—No. 167 Whistle Controller.
- 16—Sections of No. 761 Curved track.
- 4—Sections of No. 762 Straight track.
- 1—UTC Lockon.

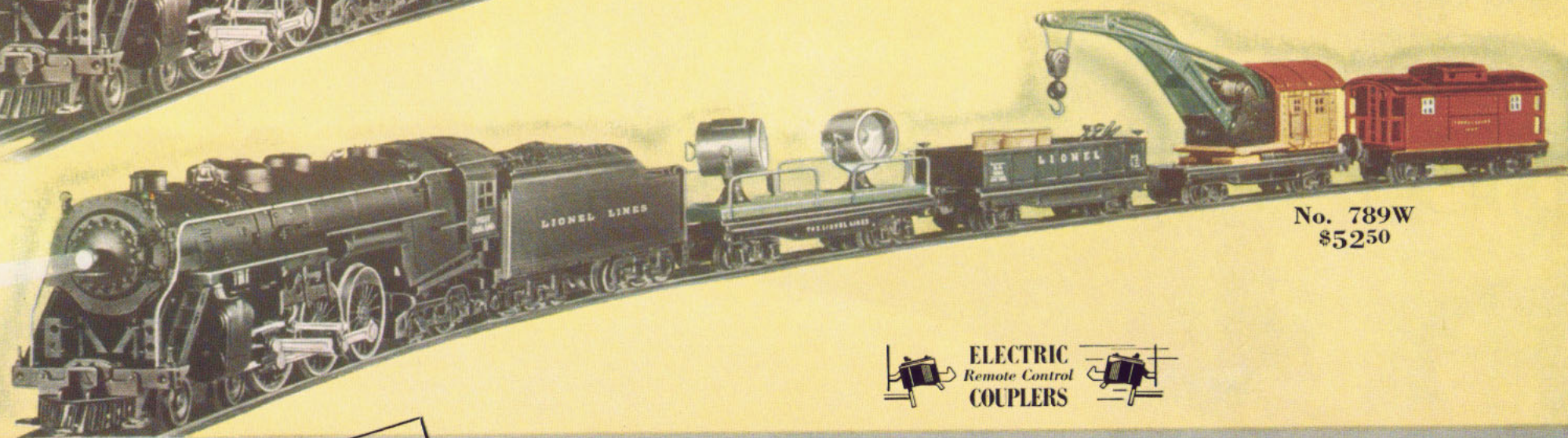
Scale model reproduction of the Union Pacific Railroad's famous, million-dollar streamlined speed wizard. Track supplied forms an oval  $103\frac{1}{4}$  by  $74\frac{1}{4}$  inches. Train is  $60\frac{1}{2}$  inches long.

Price \$25.00

Reproduction



No. 768W  
\$45.00



No. 789W  
\$52.50



## REALISTIC RAILROAD COUPLERS

No hook or twisted band of metal holds one Lionel car to another—but a realistically fashioned railroad coupler, so ingeniously attached that cars may be coupled automatically—on either straight or curved track. But that's not all. Only Lionel can give you the exciting action of Built-in Electro-Magnetic Couplers which uncouple by remote control. Remember that!

### Outfit No. 768W consists of:

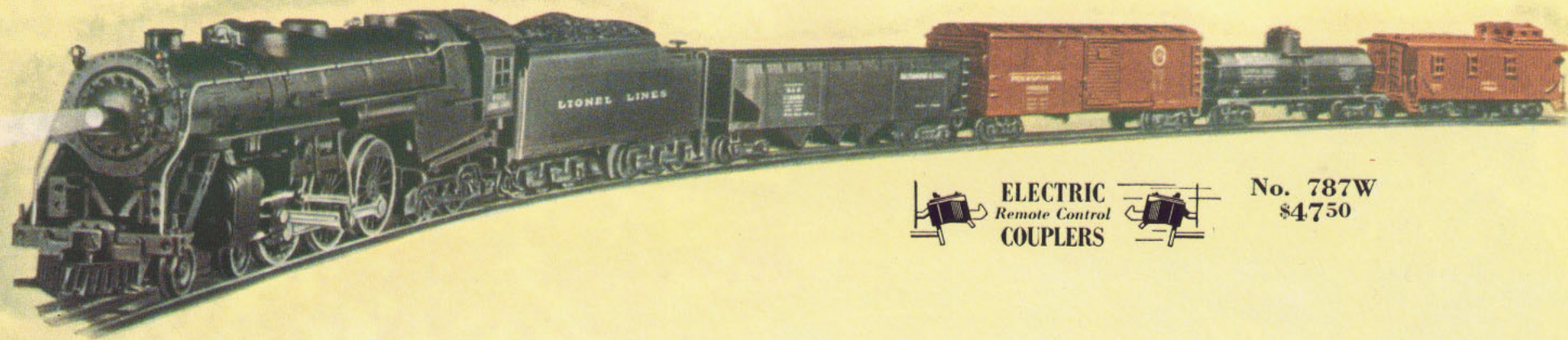
- 1—No. 763 Scale model locomotive.
- 1—No. 2263W Tender with *Built-in Whistle*.
- 1—No. 2615 Illuminated Baggage car.  $10\frac{1}{4}$  inches long.
- 2—No. 2613 Illuminated Pullman car.  $10\frac{1}{4}$  inches long.
- 1—No. 2614 Illuminated Observation car.  $10\frac{1}{4}$  inches long.
- 16—Sections of No. 761 Curved track.
- 2—Sections of No. 762 Straight track.
- 1—Section of OS Straight track.
- 1—RCS Track set. 1—UTC Lockon.
- 1—No. 167 Whistle Controller.

With its four long, illuminated, electric-coupler-cars and scale model locomotive, this is one of the year's best buys. Track supplied forms an oval  $98\frac{3}{8}$  by  $74\frac{1}{4}$  inches. Tender and all cars have *electric couplers*. Train is  $68\frac{3}{4}$  inches long.  
Price \$45.00

### Outfit No. 789W consists of:

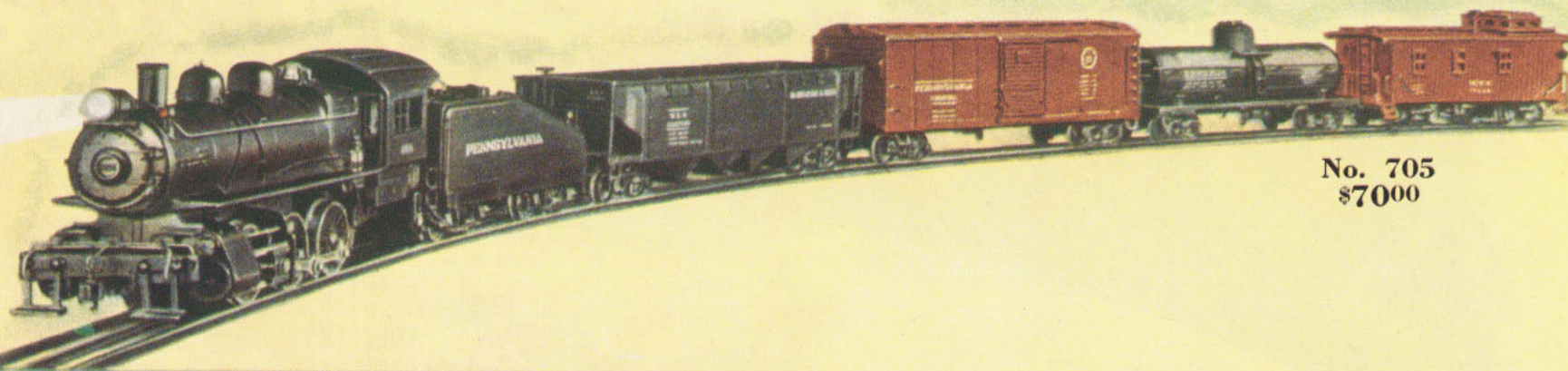
- 1—No. 763 Scale model locomotive.
- 1—No. 2226W Tender with *Built-in Whistle*.
- 1—No. 2820 Floodlight car.  $8\frac{3}{8}$  inches long.
- 1—No. 2812 Gondola with tools.  $8\frac{3}{8}$  inches long.
- 1—No. 812T Tool set.
- 1—No. 2810 Operating Work Crane car. 10 inches long.
- 1—No. 2817 Caboose.  $8\frac{3}{8}$  inches long.
- 16—Sections of No. 761 Curved track.
- 2—Sections of No. 762 Straight track.
- 1—Section of OS Straight track.
- 1—RCS Track set. 1—UTC Lockon.
- 1—No. 167 Whistle Controller.

Track supplied forms an oval  $98\frac{3}{8}$  by  $74\frac{1}{4}$  inches. Tender and all cars have *electric couplers*. Train is  $67\frac{1}{4}$  inches long.  
Price \$52.50



ELECTRIC  
Remote Control  
COUPLERS

No. 787W  
\$47.50



No. 705  
\$70.00

### Dictionary of Railroad Slang

DRAG—A slow freight train.  
SNAKE—To zig-zag train through switches.  
HOG—A steam locomotive.  
GOAT—A switching locomotive.  
HOGGER—The locomotive engineer.  
PIKE—A railroad system.  
CORNFIELD MEET—Head-on collision.  
DRAG HEAD—Railroad employee riding free.  
HIGH BALL—"Go ahead" signal.  
HIGH IRON—The mainline tracks.  
RED BALL—A fast freight train.  
SIDE DOOR PULLMAN—A box car.

#### Outfit No. 787W consists of:

- 1—No. 763 Scale model locomotive.
- 1—No. 2226WX Tender with Built-in Whistle.
- 1—No. 2956 Scale Hopper car, 10¾ inches long.
- 1—No. 2954 Scale Box car, 10¾ inches long.
- 1—No. 2955 Scale Tank car, 9¼ inches long.
- 1—No. 2957 Illuminated Caboose, 9 inches long.
- 16—Sections of No. 761 Curved track.
- 2—Sections of No. 762 Straight track.
- 1—Section of OS Straight track.
- 1—RCS Track set, 1—UTC Lockon.
- 1—No. 167 Whistle Controller.

Track supplied forms an oval 99½ by 74¼ inches. Tender and all cars are equipped with electric couplers. Train is 58 inches long.

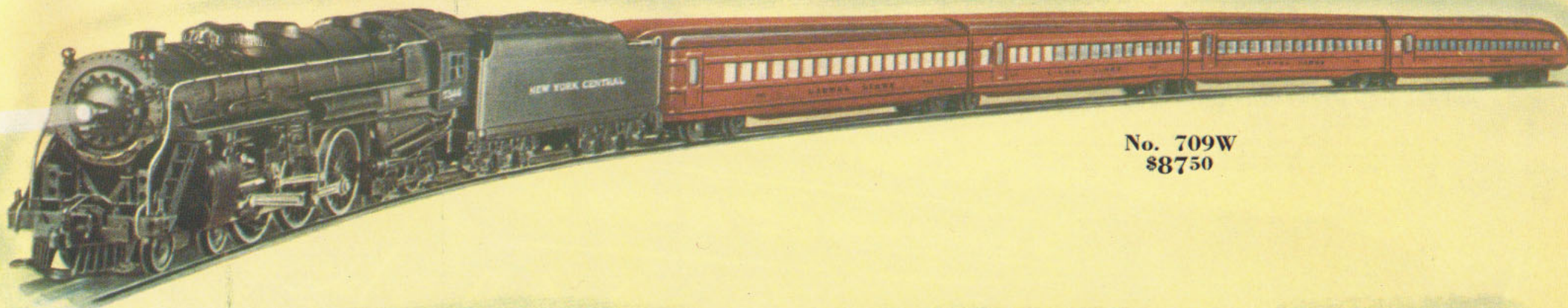
Price \$47.50

#### Outfit No. 705 consists of:

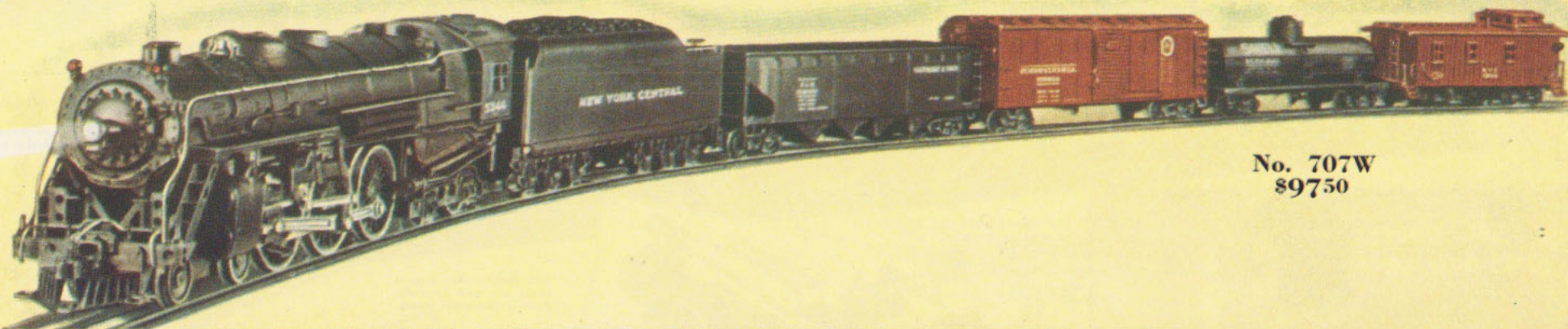
- 1—No. 701 Scale model switching engine.
- 1—No. 701T Scale model tender.
- 1—No. 716 Scale model Hopper car, 10½ inches long.
- 1—No. 714 Scale model Box car, 10½ inches long.
- 1—No. 715 Scale model Tank car, 9 inches long.
- 1—No. 717 Illuminated Caboose, 8¾ inches long.
- 16—Sections of No. 771 steel T-rail Curved track.
- 4—Sections of No. 772 steel T-rail Straight track.
- 1—UTC Lockon.
- 1—No. 88 Reversing Controller.

Switching engine and all cars are absolutely true to scale. Track supplied forms an oval 74 by 103 inches. All cars have sprung trucks and scale wheels. Tender and all cars have scale couplers. Train is 58½ inches long.

Price \$70.00



No. 709W  
\$8750



No. 707W  
\$9750

### Exclusive! A Lionel Invention!

With a Lionel you can sound any whistle of the Official Railway Code—in short blasts and long blasts—right from the Locomotive-tender itself, whether moving forward, backward or standing still. No added gadgets. No false housings. But a real railroad whistle coming from the head of the train where every real whistle belongs.

#### Outfit No. 709W consists of:

- 1—No. 700 Scale model Hudson type locomotive.
- 1—No. 700W Scale model tender with *Built-in Whistle*.
- Locomotive and tender are  $24\frac{1}{2}$  inches long, overall.
- 1—No. 792 Illuminated combination baggage car and coach with vestibule to which truck is attached.  $16\frac{1}{8}$  inches long.
- 2—No. 793 Illuminated coaches.  $13\frac{3}{8}$  inches long.
- 1—No. 794 Illuminated observation car.  $15\frac{5}{8}$  inches long.
- 16—Sections of No. 771 steel T-rail Curved track.
- 4—Sections of No. 772 steel T-rail Straight track.
- 1—UTC Lockon.
- 1—No. 167 Whistle Controller.

Track supplied forms an oval  $103\frac{1}{8}$  by  $74\frac{1}{4}$  inches. Vestibules contain trucks and the lamps for interior illumination. Train is 84 inches long. Price \$87.50

#### Outfit No. 707W consists of:

- 1—No. 700 Scale model Hudson type locomotive.
- 1—No. 700W Scale model tender with *Built-in Whistle*.
- Locomotive and tender are  $24\frac{1}{2}$  inches long, overall.
- 1—No. 715 Scale model Tank car. 9 inches long.
- 1—No. 714 Scale model Box car.  $10\frac{1}{2}$  inches long.
- 1—No. 716 Scale model Hopper car.  $10\frac{1}{2}$  inches long.
- 1—No. 717 Scale model Illuminated Caboose.  $8\frac{3}{4}$  ins. long.
- 16—Sections of No. 771 steel T-rail Curved track.
- 4—Sections of No. 772 steel T-rail Straight track.
- 1—UTC Lockon.
- 1—No. 167 Whistle Controller.

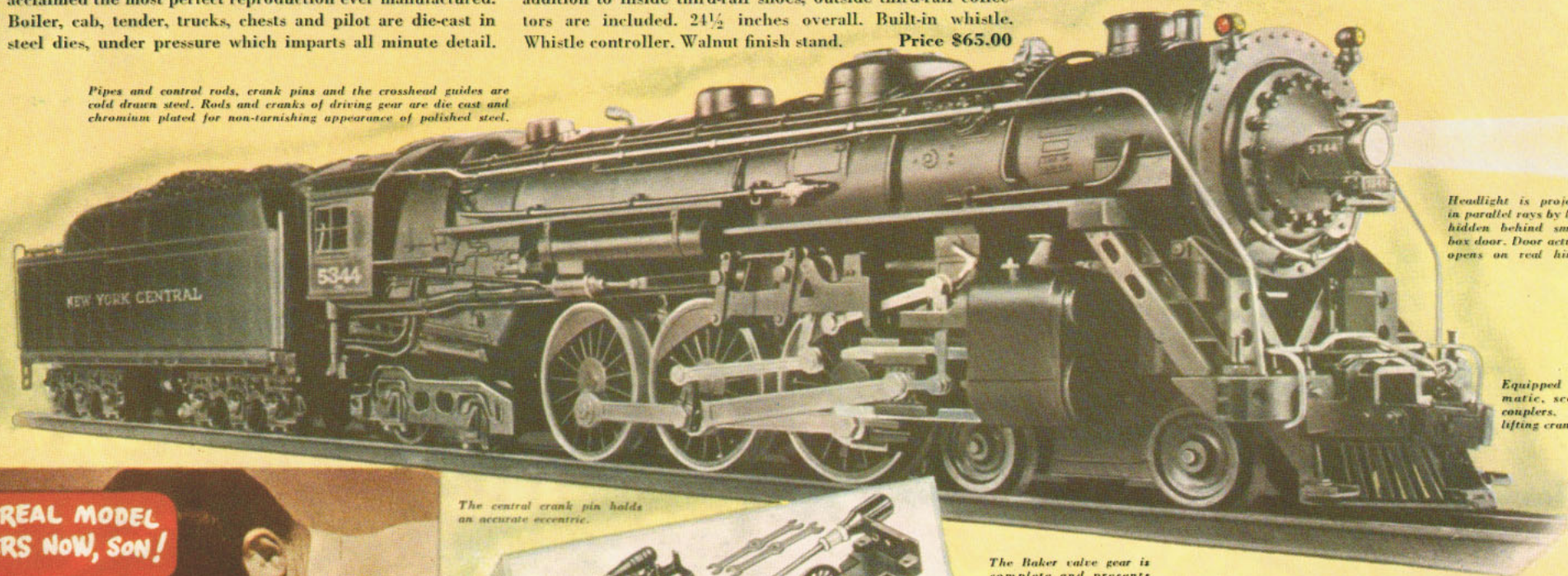
Track supplied forms an oval  $103\frac{1}{8}$  by  $74\frac{1}{4}$  inches. All cars have scale model couplers and spring trucks. Train is  $66\frac{1}{2}$  inches long. Price \$97.50

## SUPER-DETAILED, SCALE MODEL ENGINE OF THE CENTURY

No. 700EW—It took two years and an investment of \$60,000 to design this true scale model of the New York Central Hudson that hauls the famous "Twentieth Century". Today it is acclaimed the most perfect reproduction ever manufactured. Boiler, cab, tender, trucks, chests and pilot are die-cast in steel dies, under pressure which imparts all minute detail.

*Pipes and control rods, crank pins and the crosshead guides are cold drawn steel. Rods and cranks of driving gear are die cast and chromium plated for non-tarnishing appearance of polished steel.*

Powered by heavy-duty AC-DC motor and worm gear drive. May be operated on any style of solid rail "O" gauge track with curves having a radius of not less than three feet. In addition to inside third-rail shoes, outside third-rail collectors are included. 24½ inches overall. Built-in whistle. Whistle controller. Walnut finish stand. **Price \$65.00**



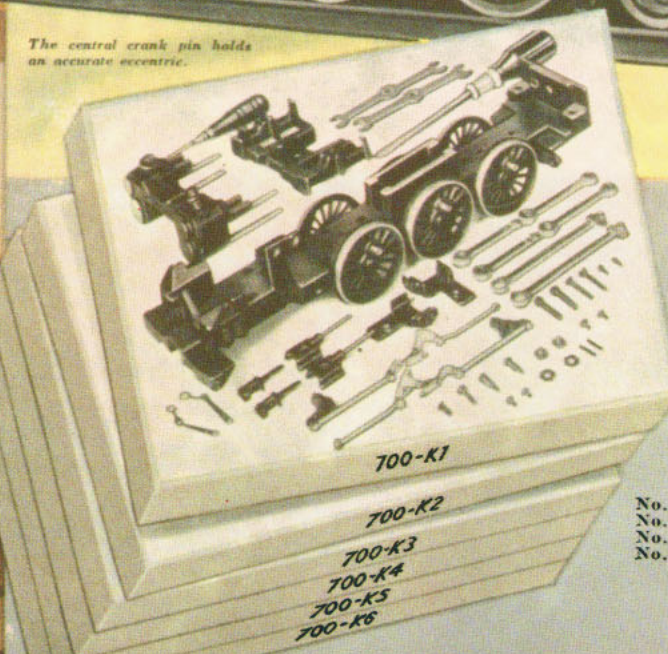
*Headlight is projected in parallel rays by lamp hidden behind smoke-box door. Door actually opens on real hinges.*

*Equipped with automatic, scale model couplers, with pin-lifting crank on pilot.*

*The central crank pin holds an accurate eccentric.*

*The Baker valve gear is complete and presents flawless kinematic action.*

**WE'RE REAL MODEL BUILDERS NOW, SON!**



### BUILD YOUR OWN SCALE MODEL LOCOMOTIVE

Now, Lionel brings model building within the reach of every man and boy with these kits for constructing the powerful giant illustrated above—six kits containing everything from wheels to whistle.

It doesn't take particular skill to assemble these kits—and the only special tools are included with the first outfit!

Die-castings are finished. Major castings have been given their prime coat of paint, and paint for the finishing coat is included. All press assemblies are made. All holes are drilled and tapped where necessary. With every kit, complete graphic instructions are included.

#### LIONEL HUDSON LOCOMOTIVE KITS

No. 700K1—Frame, drive wheels, etc.	\$11.00	No. 700K5—Complete tender assembly.	\$11.00
No. 700K2—Motor, worm, reversing unit.	\$11.00	No. 700K6—Whistle unit and controller.	\$ 4.50
No. 700K3—Cab and boiler with trim.	\$11.00	No. 700KW—All six kits, complete.	\$56.75
No. 700K4—Trucks, wheels, pilot, etc.	\$ 8.25	No. 700K—All kits except whistle.	\$52.25

To the last nut and bolt, this Lionel masterpiece is complete in every detail. Sloping-back tender has a working, back-up headlight and pilot lights. No. 708 is equipped with a crank for lifting the coupler pin.

Internal Stephenson valve gear is used by the parent Pennsylvania switcher for reversing. The driving gear of the model is a faithful and accurate reproduction.

No matter how you look at it—coming or going—this Lionel scale model switcher is one of the most authentic and meticulously exact reproductions ever manufactured. Cab and boiler and many engine and tender fittings are die-cast in hardened steel dies. The engine receives tremendous power through a precision-cut worm gear and a heavy duty AC-DC motor.

JUST WAIT UNTIL  
YOU HEAR ITS  
ELECTRIC BELL, DAD

### FOR REGULAR "O" GAUGE TUBULAR TRACK

As listed on Page 18, the scale model switcher may be purchased with Lionel wheels, for use on "O" gauge tubular track. With each outfit, a controller is included.

**No. 902B—Switching Engine-Tender Outfit**—For use with 2600 series cars. Equipped with electric bell and special electric couplers, on pilot and tender, which may be actuated on any style of track, at any time. Price \$27.50

**No. 903B**—Same but for use with 2800 series cars. Price \$27.50

**No. 906B**—Similar to No. 902B but equipped with "Magic Electrol," the sensational Lionel invention which permits this engine to be controlled individually while operating on the same track with any second train. Equipped with regular electro-magnetic couplers on pilot and tender. Price \$26.50

**No. 907B**—Same but for use with 2800 series cars. Price \$26.50

### FOR SOLID T-SHAPED "O" GAUGE TRACK

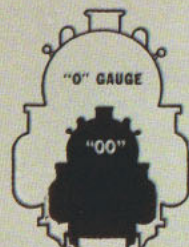
**No. 708**—Equipped, as illustrated, with scale model couplers on pilot and tender, and scale tender trucks. Built to standards of the National Model Railroad Association with approved scale flanges and coupler height. Fitted with inside 3rd-rail collectors as well as outside 3rd-rail collectors which may be applied easily. For use only on solid T-rail track. Complete with controller. Price \$35.00

IT'S JUST THE RIGHT SIZE SON,  
THE WHOLE LAYOUT WILL FIT INTO  
ONE CORNER OF YOUR ROOM

YES—BUT BEST  
OF ALL THEY'RE  
REAL  
SCALE MODELS!

# Lionel 'OO' Gauge Models

TO UNDERSTAND Lionel "OO" gauge reproductions, forget every other model or make you have ever seen. Visualize the giant Hudson locomotive of the New York Central, the fastest engine of the most famous train fleet in the world. Picture that power-plant-on-wheels so reduced in size you could hold it in the flat of your hand—that's Lionel "OO" gauge.



"OO" gauge models are built to a scale of 5/32-inch to the foot. This means they are about one-seventy-sixth as large as the real railroad equipment after which they are copied. Track measures 3/4-inch between running rails.

"OO" gauge is only slightly more than half as large as

"O" gauge—but in the same track layout area a railroad can be reproduced which is about three times as extensive and elaborate.

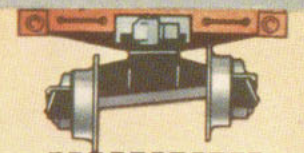
"OO" gauge is therefore especially desirable for men and boys who have small quarters in which to work, and for those who plan to build extensive systems of bridges, mountains, tunnels, freight yards and other space-consuming scenic effects.

Lionel "OO" gauge equipment is made for operation on track containing only two rails as well as on track containing three



rails. Each type of track has its advantages.

Motors in Lionel "OO" gauge locomotives are built to pull long, heavy trains. In proportion to their size the pulling force, or "draw bar pull" of a Lionel "OO" gauge locomotive is three times that of the real engine. The Lionel "OO" gauge engine is driven through worm gears having a 20-to-1 reduction ratio.



No. 0090W  
\$42.25



### SUPER-DETAILED LIONEL "00" HUDSON OUTFIT WITH FOUR FREIGHT CARS

*Equipped with realistic 2-rail track*

**Outfit No. 0090W**—Equipped with whistle. Outfit consists of No. 003 Locomotive, No. 003W Tender, No. 0044 Box car, No. 0045 Oil car, No. 0046 Hopper car, No. 0047 Caboose, eleven No. 0031 Curved track, one No. 0034 Connection track, and No. 167X Whistle Controller. Train is 41 inches long. Track forms a circle 50 inches in diameter. Price \$42.25

**Outfit No. 0090**—Similar to No. 0090W, but without Built-in Whistle and Whistle Controller. Price \$37.50

*Equipped with space-saving 3-rail track*

**Outfit No. 0080W**—Equipped with whistle. Outfit consists of No. 001 Locomotive, No. 001W Tender, No. 0014 Box car, No. 0015 Oil car, No. 0016 Hopper car, No. 0017 Caboose, eleven No. 0051 Curved track, four No. 0052 Straight track, one No. 0054 Connection track and No. 167X Whistle Controller. Train is 41 inches long. Track forms an oval 41 by 27 inches. Price \$39.75

**Outfit No. 0080**—Similar to No. 0080W, but without Built-in Whistle and Whistle Controller. Price \$35.00

No. 0092W  
\$34.75



### MODIFIED SCALE MODEL "00" GAUGE OUTFIT WITH THREE FREIGHT CARS

*Equipped with realistic 2-rail track*

**Outfit No. 0092W**—Equipped with whistle. Outfit consists of No. 004 Locomotive, No. 004W Tender, No. 0074 Box car, No. 0075 Oil Tank car, No. 0077 Caboose, eleven No. 0031 Curved track, one No. 0034 Connection track and No. 167X Whistle Controller. Train is 35 inches long. Track forms a circle 50 inches in diameter. Price \$34.75

**Outfit No. 0092**—Similar to No. 0092W, but without Built-in Whistle and Whistle Controller. Price \$30.00

*Equipped with space-saving 3-rail track*

**Outfit No. 0082W**—Equipped with whistle. Outfit consists of No. 002 Locomotive, No. 002W Tender, No. 0024 Box car, No. 0025 Oil Tank car, No. 0027 Caboose, eleven No. 0051 Curved track, four No. 0052 Straight track and No. 0054 Connection track, forming oval 27 by 41 inches. Also included is No. 167X Whistle Controller. Price \$32.25

**Outfit No. 0082**—Similar to No. 0082W, but without Built-in Whistle and Whistle Controller. Price \$27.50

*Locomotive, tender and all cars are equipped with scale model, knuckle type couplers.*

## A GEM IN BEAUTY—A BRUTE IN STRENGTH



*Locomotive and tender are equipped with accurate scale model couplers.*

### WORM GEAR DRIVE — BRONZE BEARINGS — STEEL TIRES — SCALE MODEL COUPLERS

*More Power • More Stamina • More Speed • More Dependable, Trouble-Free Service*

*A high-speed AC-DC motor is built into the cab where it is easily accessible. High speed of the motor is reduced to heavy-duty power through a worm gear, with a ratio of approximately 20 to 1. The worm is turned in a sealed bath of lubricant.*

What the great Lionel 700EW scale model Hudson is to "O" gauge, this tiny locomotive is to "OO"—the most complete and authentic engine ever built for rails of this size. Only in scale does it differ from its big "O" gauge brother and from the parent engine which hauls the New York Central's famous Twentieth Century.

*Built with the accuracy of a fine watch*, the cab and boiler are a one-piece casting containing infinite detail. The tender frame and tender trucks, pilot trucks, trailing trucks and steam chests are also die castings produced by hardened steel dies under tons of pressure. Reproduced by this method are such tiny details as core holes and chain lugs in tender trucks, and hex-head bolts only half as large as the head of a pin.

Tiny machined stanchions hold the stainless steel handrails, throttle rod, water pipes and valve rods. Alligator crossheads and the intricate Baker valve gear support are *die castings of the greatest authenticity*. Steel tires on drive wheels and bronze bearings provide unusual wearing qualities.

A powerful headlight is projected by a lamp housed in the smokebox. The smokebox door, at the front of the engine, *actually opens on real hinges*, providing access to the headlight lamp.

Built into the tender, *so that the sound appears to be coming from the engine*, is the famous Lionel built-in, electrically operated, remote control whistle, capable of sounding any whistle signal, any time, whether train is moving forward, backward or standing still.

**No. 0081W**—Locomotive and Tender Outfit for 3-rail track. Equipped with whistle and complete with No. 167X Whistle Controller. **Price \$32.25**

**No. 0081**—Similar to No. 0081W but without whistle equipment. **Price \$27.50**

**No. 0091W**—Locomotive and Tender Outfit for 2-rail track. Equipped with built-in whistle and complete with No. 167X Whistle Controller. **Price \$34.75**

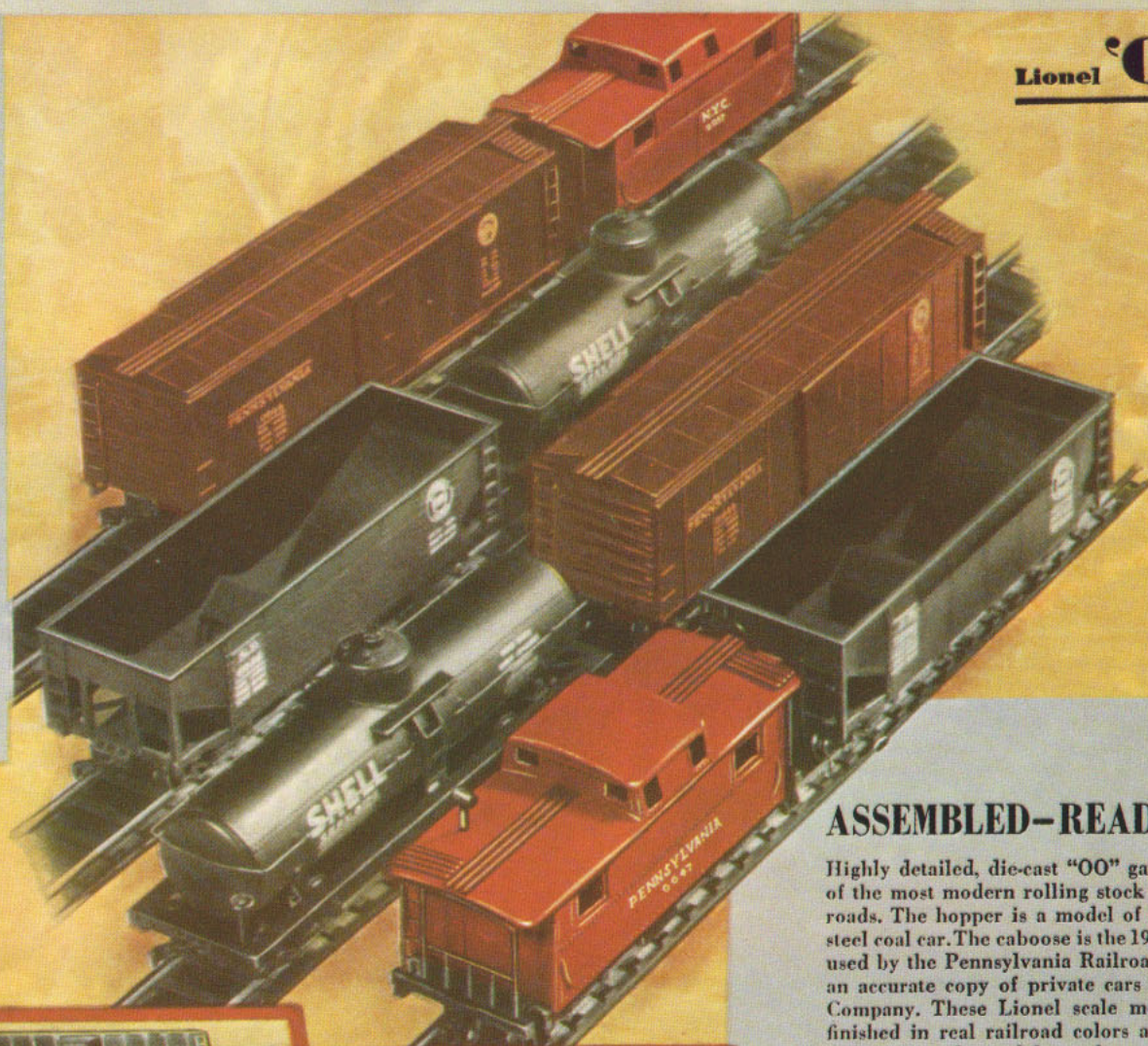
**No. 0091**—Similar to No. 0091W but without whistle equipment. **Price \$30.00**

## "OO" FREIGHT CAR KITS

Construction kits for "OO" gauge cars contain everything required for rapid and simple assembly. The only tools needed are a small hammer, screw driver and nail set. Die-cast car frames and bodies are thoroughly finished and ready for painting. Trucks contain assembled wheels and axles. Authentic decalomania car markings, paint brush and enamel are included. Cars made from kits may be used on either 2-rail or 3-rail track. Kits, as packed in display boxes, are illustrated below. The cars obtained by the assembly of these kits are shown in the photograph at right.

### Suitable For 2-Rail or 3-Rail Track

No. 0044K—Box Car Kit.	Price \$2.75
No. 0045K—Oil Tank Car Kit.	Price \$2.75
No. 0046K—Hopper Car Kit.	Price \$2.75
No. 0047K—Caboose Kit.	Price \$2.75



### ASSEMBLED—READY TO RUN

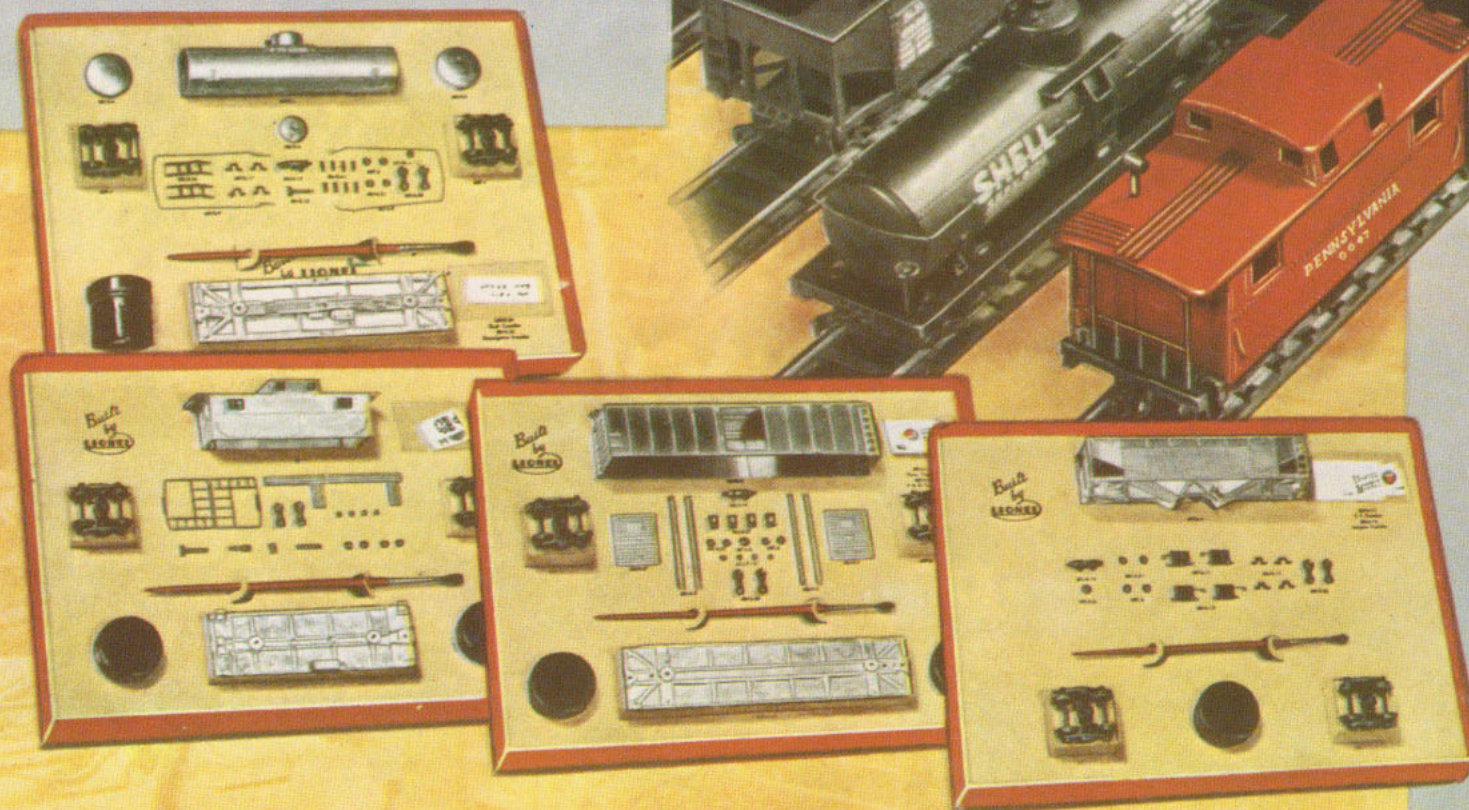
Highly detailed, die-cast "OO" gauge reproductions of the most modern rolling stock on American railroads. The hopper is a model of a huge 70-ton, all-steel coal car. The caboose is the 1940 all-steel version used by the Pennsylvania Railroad. The tank car is an accurate copy of private cars used by Shell Oil Company. These Lionel scale models are die-cast, finished in real railroad colors and equipped with automatic scale model couplers.

#### Assembled Cars for 3-Rail Track

No. 0014—Box Car, 6 $\frac{1}{2}$ inches long	Price \$3.00
No. 0015—Tank Car, 5 $\frac{3}{4}$ inches long.	Price \$3.00
No. 0016—Hopper Car, 5 $\frac{1}{2}$ ins. long.	Price \$3.00
No. 0017—Caboose, 4 $\frac{5}{8}$ inches long.	Price \$3.00

#### Assembled Cars for 2-Rail Track

No. 0044—Box Car, 6 $\frac{1}{2}$ inches long.	Price \$3.00
No. 0045—Tank Car, 5 $\frac{3}{4}$ inches long.	Price \$3.00
No. 0046—Hopper Car, 5 $\frac{1}{2}$ ins. long.	Price \$3.00
No. 0047—Caboose, 4 $\frac{5}{8}$ inches long.	Price \$3.00



# More than a Transformer...

# LIONEL *TRAINmaster*

## the 5-in-1 *Central Control* Station!

*Built-in, automatic, thermostatic circuit breaker protects transformer by immediately shutting off current in the event of a short circuit in the track layout.*

Lionel Trainmaster transformers are capable of delivering a maximum of 25 volts! Only transformers capable of delivering such voltage are adequate for the successful operation of Lionel Trains with numerous accessories! No transformer is "safer" to operate than a Trainmaster! Types Q, W and R are listed as standard by the Underwriters' Laboratories.

Any Trainmaster transformer is capable of operating any Lionel Train in this catalog with its standard equipment. Extensions of track and additions of accessories, however, absorb wattage from the capacity of the transformer. It is therefore wise to purchase a much larger transformer than that immediately required, in order to provide for the future development of the miniature railroad. In the table on the next page, all train outfit numbers are listed with the transformers that will operate them and a few added accessories.

## Controls

Lionel Trains operate on harmless low-voltage current. To obtain this from an A.C. house outlet, a Transformer is required. With a D.C. outlet, an Inverter should be used.



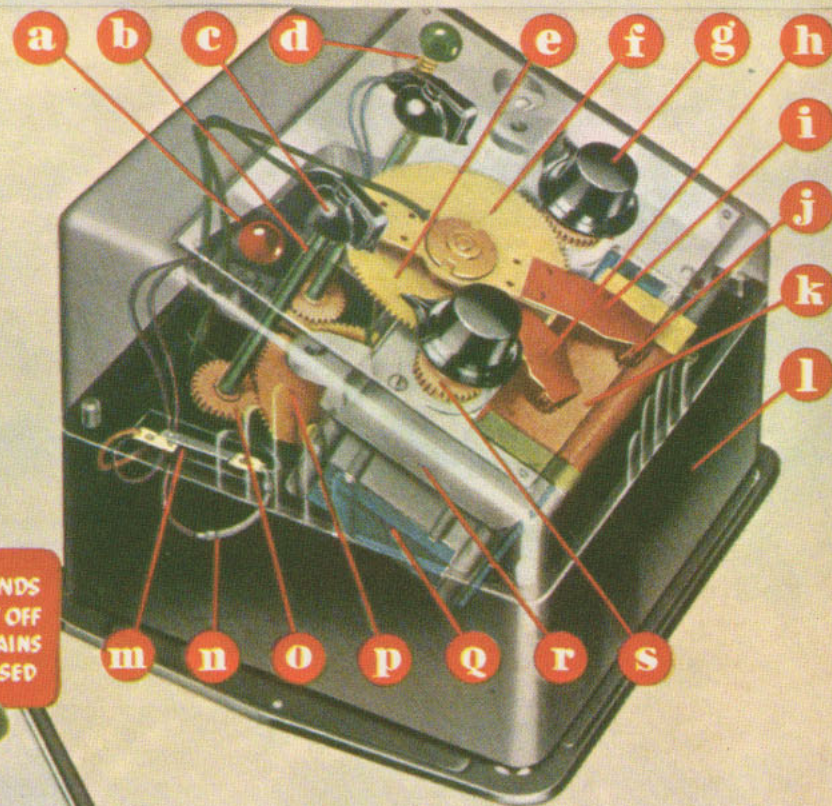
CURRENT IS SHUT OFF AND LIGHT FLASHES IF SHORT CIRCUIT OCCURS IN TRACK LAYOUT

GREEN LIGHT REMINDS OPERATOR TO SHUT OFF CURRENT WHEN TRAINS ARE NOT BEING USED

THESE TWO OUTLETS CAN BE USED FOR THE OPERATION OF NUMEROUS ACCESSORIES

THIS IS THE THROTTLE FOR REGULATING TRAIN SPEEDS... DIALS SHOW VOLTAGE AND M.P.H.

A SECOND TRAIN ON A SEPARATE TRACK CAN BE CONTROLLED BY THIS KNOB



## LIONEL TRAINMASTER SHOWN IN PHANTOM

Because it is impossible to determine the worth of a transformer from a picture of its case, we present this "phantom" to illustrate the internal construction of the Trainmaster. At point A is the red, transparent plastic cap covering a lamp which is illuminated to indicate the existence of a short circuit in the track layout. B points to one of the two long steel shafts used for accessory controls. C points to one of the two accessory control knobs which are moulded plastic and held on shafts by a patented spring retainer. D indicates the power-on lamp and its green, plastic cap. E is the lower gear sector which is actuated by control knob No. 3. F is the upper gear sector which is actuated by control knob No. 4. G points to the knob itself, a modern plastic design. H is the lower and I the upper contact brackets, made of bronze. J points to the metal graphite contact rollers. K indicates an exclusive Lionel development, an edgewise wound, copper ribbon on bakelite core. L points to the case itself, an air-cooled, high-strength bakelite moulding.

One of the most important features of the Lionel Trainmaster is its built-in, automatic circuit breaker. The Lionel circuit breaker is thermostatic—an improvement over ordinary types. This compact device is shown at the letter M. N points to a glass insulated lamp resistor. Letters O and S point to bakelite impregnated fabric gears. Q indicates the silicon steel lamination stack. R is the die cast bridge which supports the top contacts. Not designated by a letter and better shown in the picture at the left is the chromium plated, etched nameplate containing dials which show the voltage being used and the approximate speed of trains in scale miles.

First time ever! Direction control! With a Trainmaster you have absolute control over train direction. You can stop your express and then start it again in a forward direction without even touching the train-reverse button. The direction of the train may be reversed by a touch of the train-reverse button.



TRANSFORMER	TYPE "Z"	TYPE "V"	TYPE "R"	TYPE "Q"	TYPE "W"
Capacity	250 Watts	150 Watts	100 Watts	75 Watts	75 Watts
Appropriate for Use With the Following Outfits	2663T, 131W, 138W, 139W, 140W, 141W, 143W, 145W, 146W, 149W, 190W, 239B, 243B, 245B, 247W, 251B, 261W, 267W, 269W, 273W, 291W, 293W, 705, 707W, 709W, 758W, 768W, 787W, 789W, 0030W, 0082W, 0090W, 0092W.	2663T, 131W, 138W, 139W, 140W, 141W, 143W, 145W, 146W, 149W, 190W, 239B, 243B, 245B, 247W, 251B, 261W, 267W, 269W, 273W, 291W, 293W, 705, 707W, 709W, 758W, 768W, 787W, 789W, 0030W, 0082W, 0090W, 0092W.	2663T, 131W, 138W, 139W, 140W, 141W, 143W, 145W, 146W, 149W, 190W, 239B, 243B, 245B, 247W, 251B, 261W, 267W, 269W, 273W, 291W, 293W, 758W, 768W, 0030W, 0082W, 0090W, 0092W.	2663T, 138W, 139W, 140W, 141W, 143W, 145W, 239B, 245B, 267W, 0030W, 0082W, 0090W, 0092W.	2663T, 138W, 139W, 140W, 141W, 143W, 145W, 239B, 245B, 267W, 0030W, 0082W, 0090W, 0092W.
Range of Voltage	0 to 25 Volts	0 to 25 Volts	6 to 24 Volts	6 to 16 or 14 to 24 Volts	0 to 24 Volts
Price	\$13.75	\$11.75	\$8.75	\$5.75	\$3.75

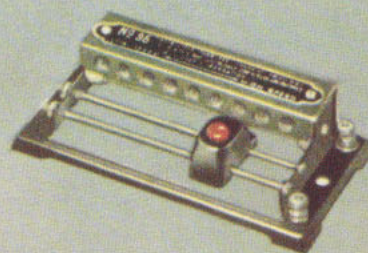
## DIRECT CURRENT INVERTERS AND TRAIN CONTROLS



**No. 171  
DIRECT CURRENT INVERTER**

Converts direct current of 115 volts to alternating current of low voltage. No transformer, reducer or circuit-breaker required. This device provides for operation of even the largest train outfits, for all types of automatic accessories, the Lionel whistle, train reverse and equipment, requiring more current than is supplied by the usual reducer. Built-in circuit-breaker cuts off current if "short" exists anywhere in layout. Heavy steel case. Input: 115 volts, D.C., 1 ampere. Output: 150 watts, A.C. at 30 volts maximum, 60 cycles. Size: 7 1/4 inches square. **Price \$17.50**

**No. 172**—Direct Current Inverter for 220 Volt Input. **Price \$20.00**



**No. 93 CONTROLLING RHEOSTAT**

Provides delicate control of the speed of train by increasing or decreasing current from transformer. If your locomotive is equipped for remote control, you press button to start, stop or reverse train. 4 1/2 inches long. **Price \$2.75**



**No. 925  
TRAIN LUBRICANT**

Developed after years of laboratory tests. It assures efficient operation and will increase the life of all working parts. Two-ounce nozzle-tube. **\$2.25**

**No. 88 CONTROLLER**

Used to start, stop, or reverse locomotives with remote control. **Price \$1.00**

**No. 169**—Has two buttons, for reversing and uncoupling cars from switching engines with Relay Couplers. **Price \$2.50**



**No. 91  
AUTOMATIC  
CIRCUIT  
BREAKER**

Protects transformer and whistle controller against burn-outs by shutting off current and illuminating red lamp in event of a short circuit. 2 3/4 inches square, 4 inches high. **\$3.50**



**No. 41  
CONTACTOR**

Easily applied to any track for the operation of Automatic Accessories. For any gauge except "OO". Actuates when weight of passing train closes two silver contact points. 4 3/4" long, 2" wide. **\$1.00**



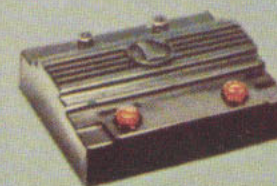
**No. 159  
BLOCK CONTROL**

This set enables any model railroader to operate two trains on one track. Set consists of: Special contactor, Lock-on, and two fibre pins. Set is easily installed in the layout. **\$1.50**



## WHISTLE EQUIPMENT

Whistle equipment may be added to any train of any make by the addition of a whistle tender and controller. Whistle-tender outfits include a Whistle Controller. Tenders except the streamline type, have electric couplers at the car end. No. 2224TW, \$11.00; No. 2226TW, \$12.00; No. 2245TW, \$11.00; No. 2259TW, \$8.25; No. 2250TW, \$10.75; No. 250TWX, \$10.00; No. 700TW, \$19.50; No. 001TW, \$10.00; No. 003TW, \$11.00; No. 2235TW, \$11.00; No. 2263TW, \$10.75.



**No. 167 WHISTLE  
CONTROLLER**

Controller is equipped with two buttons. One button is used to sound the whistle. The other is used to stop and reverse the train. **Price \$3.50**

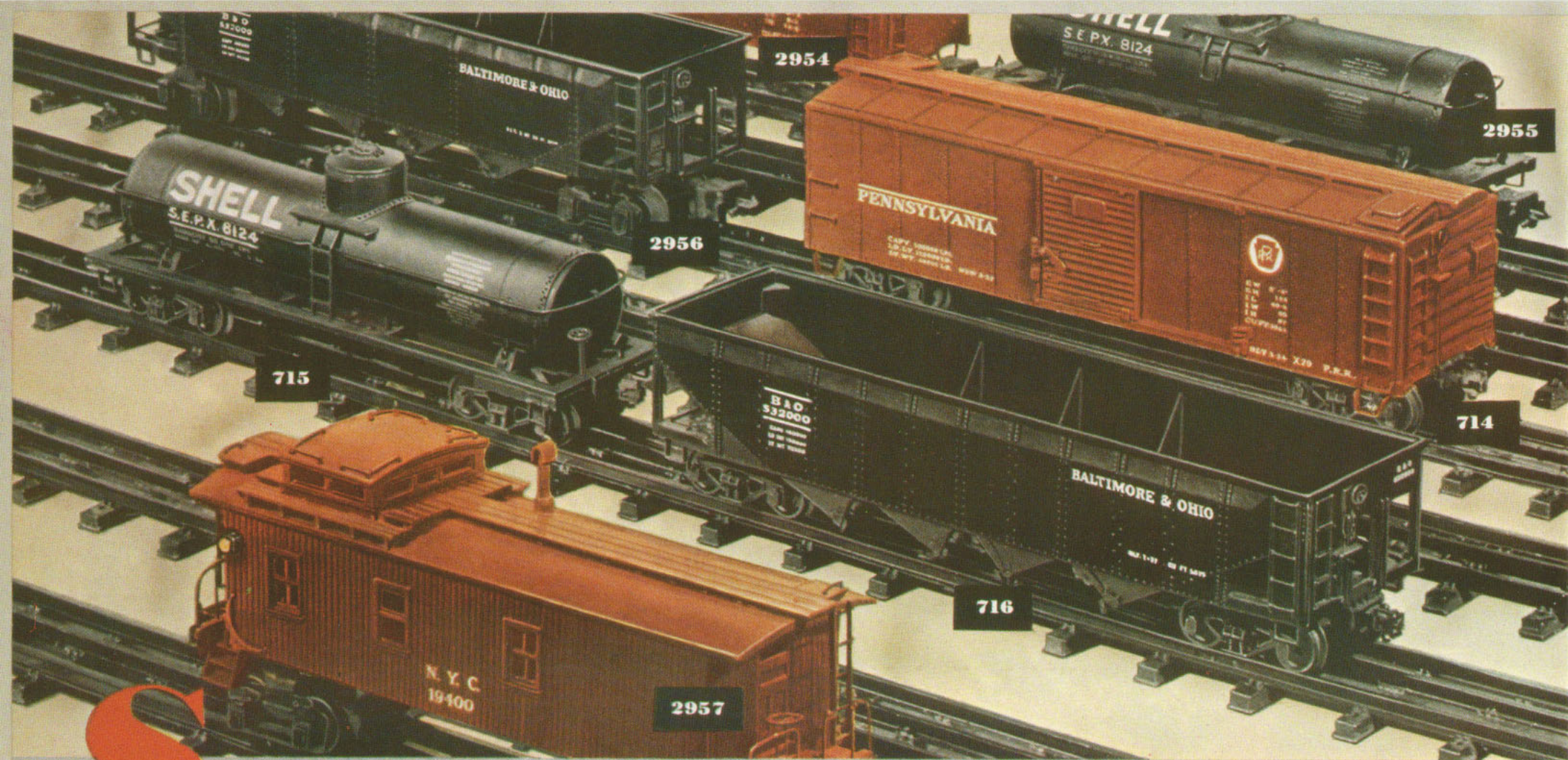
**No. 167X**—Whistle Controller is required for "OO" gauge trains. **Price \$3.50**

**No. 48W STATIONARY  
WHISTLE**

Suitable for 25-cycle current where built-in whistle cannot be used. Adds whistle to your railroad at a minimum cost. Whistle built inside station measuring 5 1/2 ins. by 3 1/2 ins., 3 1/2 ins. high. Not suitable for outfits using No. 1309 and 1041 transformers. **Price \$3.00**



REPRODUCTION



## S cale Model Rolling Stock

**S**QUINT ONE EYE when you look at the picture above and you will see a group of real railroad cars standing in a real railroad yard. If that's a sight that thrills you, then just wait till you get one of these new Lionel beauties into your hands. If you are a scale model railroader, you are due for *the treat of your life* for the amazing scale-model perfection of these "O" gauge models is almost unbelievable! Lionel hasn't missed a trick in making them the finest on rails—cars of the 700 series have

*self-equalizing sprung trucks* to keep wheels in constant contact with rails—coupler shanks are attached to trucks so that *cars will couple automatically on either straight or curved track*—materials used are so *light in weight* that almost any engine can snake a drag of twelve or fifteen of them through a pike filled with curves and grades. All cars are available with *scale wheels and couplers* (the 700 series) for T-rail track, and with *electric couplers* (the 2900 series) for regular Lionel tubular track.

### DETAILED SPECIFICATIONS

The caboose weighs just twenty ounces. That's a record. It is a die-casting of magnesium alloy, the costly metal that was developed for the aircraft industry. Windows are fitted with panes of transparent vanylite. Interior of caboose is illuminated. Three-color marker lanterns also transmit light. Twelve handrails are held by inserted, machined stanchions. They are not cast-in dummies. Body of the car is 8¾ inches long. Both inside and outside 3rd-rail collector shoes are included.

The hopper car is an accurate, faithful die-cast zinc alloy reproduction of a 70-ton, quadruple hopper used by the Baltimore and Ohio. The hopper doors are fitted with springs and latches which hold them tightly closed so that the car itself may actually be loaded. Body of car, 10½ inches long. Weight 1 lb., 10½ ounces.

Metal-sheathed box car combines the use of three materials: non-warping moulded phenolic for the body, die-cast zinc alloy for the frame and stamped steel for incidental parts. The doors contain latches and slide open. The box car was built from Pennsylvania Railroad blueprints for 50-ton, double-sheathed cars, Class X29. Total weight of box car, only 18 ounces. Length of body, 10¼ inches.

The tank car is an 80,000-pound-capacity model. Unusually light in weight and strengthened by internal reinforcements. The handrails are held in machined stanchions. The ladders are applied parts. Rivets are an integral part of the castings. Routing card holders are true to scale. Weight, 22 ounces, 9 inches long.



## Build 'em Yourself

Lionel 700 series, quarter-inch scale freight cars come two ways: ready-built and ready for the rails — and in kit form, ready for assembly. It doesn't require a model builder or a scale model expert to assemble a Lionel freight car—anyone can do it in a few spare hours. All castings are finished. There are no burrs to remove, no trimming to be done, no roughness to burnish away. All holes are drilled and tapped where necessary. All machine assemblies are completed. Each car truck, for instance, is one complete, assembled unit, ready to be attached to the car frame by a single screw. All handrails and grab irons are cut to proper length and formed. The only tools that are required will be found in any household tool chest. Each kit includes paint, paint brush and transfers for car lettering. A complete and simple assembly drawing is also a part of every kit. (Kits are not available for 2900 series cars.)

No. 714K—"O" Gauge Scale Model Box Car Kit. Price \$5.00

No. 715K—"O" Gauge Scale Model Tank Car Kit. Price \$5.00

No. 716K—"O" Gauge Scale Model Hopper Car Kit. Price \$5.00

No. 717K—"O" Gauge Scale Model Illuminated Caboose Kit. Price \$6.50

## 700 SERIES

### Scale Couplers—Sprung Trucks

BUILT TO N.M.R.A. STANDARDS

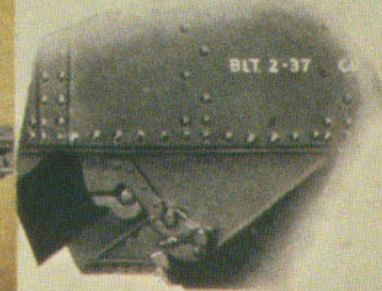
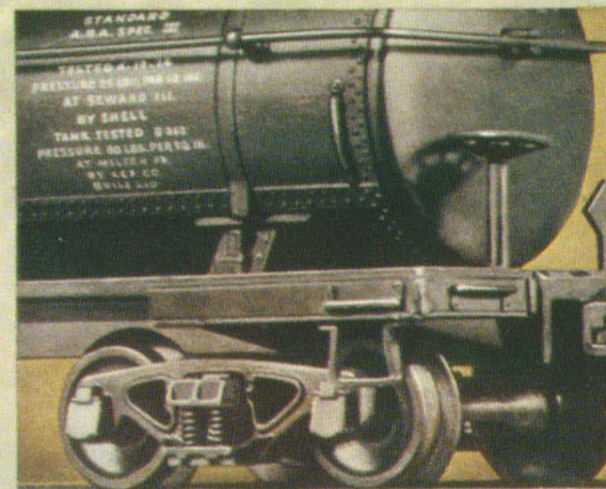
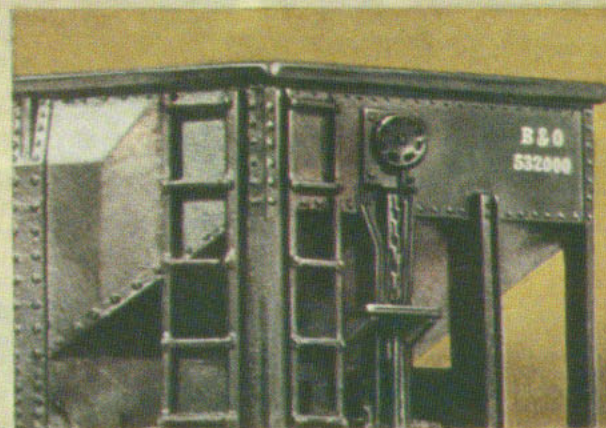
*Complete, Ready to Run*

No. 714—Scale Model Box Car. \$7.50

No. 715—Scale Model Tank Car. \$7.50

No. 716—Scale Model Hopper Car. \$7.50

No. 717—Scale Model Illuminated Caboose. Price \$8.75



## 2900 SERIES

### Electro-magnetic Couplers

FOR "O" and "O-27" TUBULAR TRACK

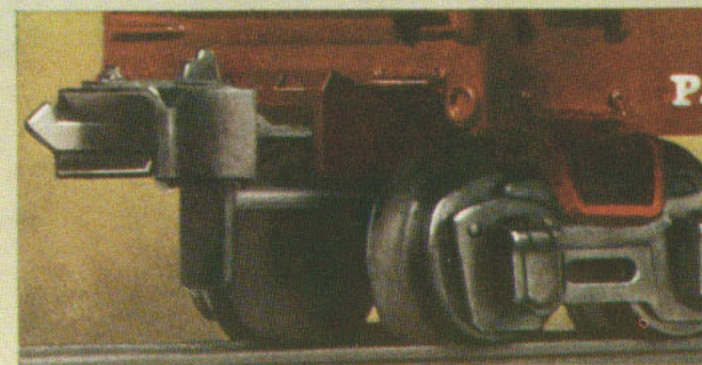
*Complete, Ready to Run*

No. 2954—Scale Model Box Car. \$5.00

No. 2955—Scale Model Tank Car. \$5.00

No. 2956—Scale Model Hopper Car. \$5.00

No. 2957—Scale Model Illuminated Caboose. Price \$6.50



REPRODUCTION

**SIDE OF CAR OPENS ON HINGES  
AND TINY BARRELS TUMBLE OUT**



**3652**

No. 3652—When this trim gondola arrives over section of RCS or No. 1019 track, you touch a remote control button, side of car opens and barrels roll out. Equipped with electric couplers. Unloading bin included. Car is  $6\frac{1}{2}$  inches long. For use with all "O-27" cars and "O" gauge cars of the 2600 and 600 series. Price \$3.50

**REMOTE CONTROL UNLOADS COAL  
WHERE AND WHEN YOU WANT IT**



**3659**

No. 3659—By remote control, this dump car can be tilted to unload coal alongside track. Sack of coal and unloading bin are included. Equipped with electric couplers.  $6\frac{1}{4}$  inches long. For use with "O-27", 2600 and 600 series cars. Actuated on RCS or No. 1019 track. Price \$3.75

No. 3859—Similar to No. 3659 but  $8\frac{1}{2}$  inches long and for use with 800 and 2800 series cars. Price \$4.75

**A LOAD OF LOGS IS DELIVERED  
WITH THE GREATEST OF EASE**



**3651**

No. 3651—Nickel stakes fold out of way and bottom of car tilts at touch of remote control button. Electric couplers. Logs and unloading bin included. Car is  $6\frac{1}{2}$  inches long. For use with RCS or No. 1019 track and with cars of the "O-27", 2600 and 600 series. Price \$3.50

No. 3811—Similar to No. 3651 but  $8\frac{1}{2}$  inches long and for use with 800 and 2800 series cars. Price \$4.50

## **Operating Freight Cars** *with Electric Couplers*

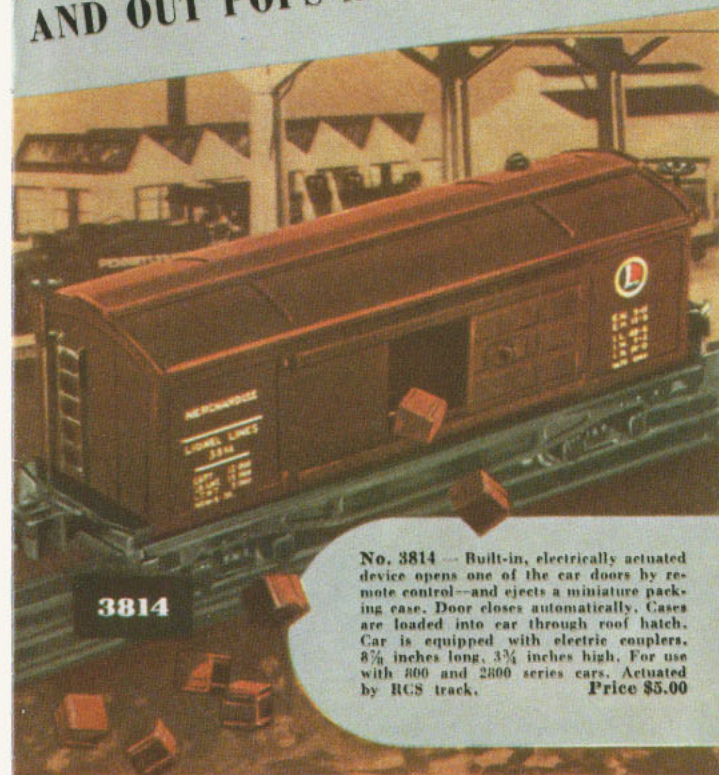
**T**HIS IS THE END of make-believe. Never again will freight trains run back and forth around the pike, forcing imagination to make all the pick-ups and deliveries. This is *real* railroading. Now, at last, it is possible to make up a train of cars in the yards and send it out on the high iron with a real mission to perform, with an actual destination for all the

different types of freight that is being transported.

By a great stroke of genius Lionel engineers have created rolling stock which does what no real railroad car is able to do: unload by electric, remote control. Built into these amazing Lionel freight cars is a device which lifts the side of the gondola car, tilts the body of the dump car, opens the door of the

box car or raises the floor of the flat—to unload the contents of the cars into bins alongside the track. For the operation of these cars by remote control a section of RCS or No. 1019 track is required. For the greatest fun and excitement in miniature railroading, be sure to add several of these electric, remote control cars to your train outfit.

## DOOR OF BOX CAR SLIDES OPEN AND OUT POPS A PACKING CASE



3814

**No. 3814** — Built-in, electrically actuated device opens one of the car doors by remote control—and ejects a miniature packing case. Door closes automatically. Cases are loaded into car through roof hatch. Car is equipped with electric couplers.  $8\frac{3}{8}$  inches long,  $3\frac{3}{4}$  inches high. For use with 800 and 2800 series cars. Actuated by RCS track. Price \$5.00



**WHEEE!**  
THERE GOES 40 TONS  
OF COAL RIGHT INTO  
THE BIN

### No. 2810 WORK CRANE CAR

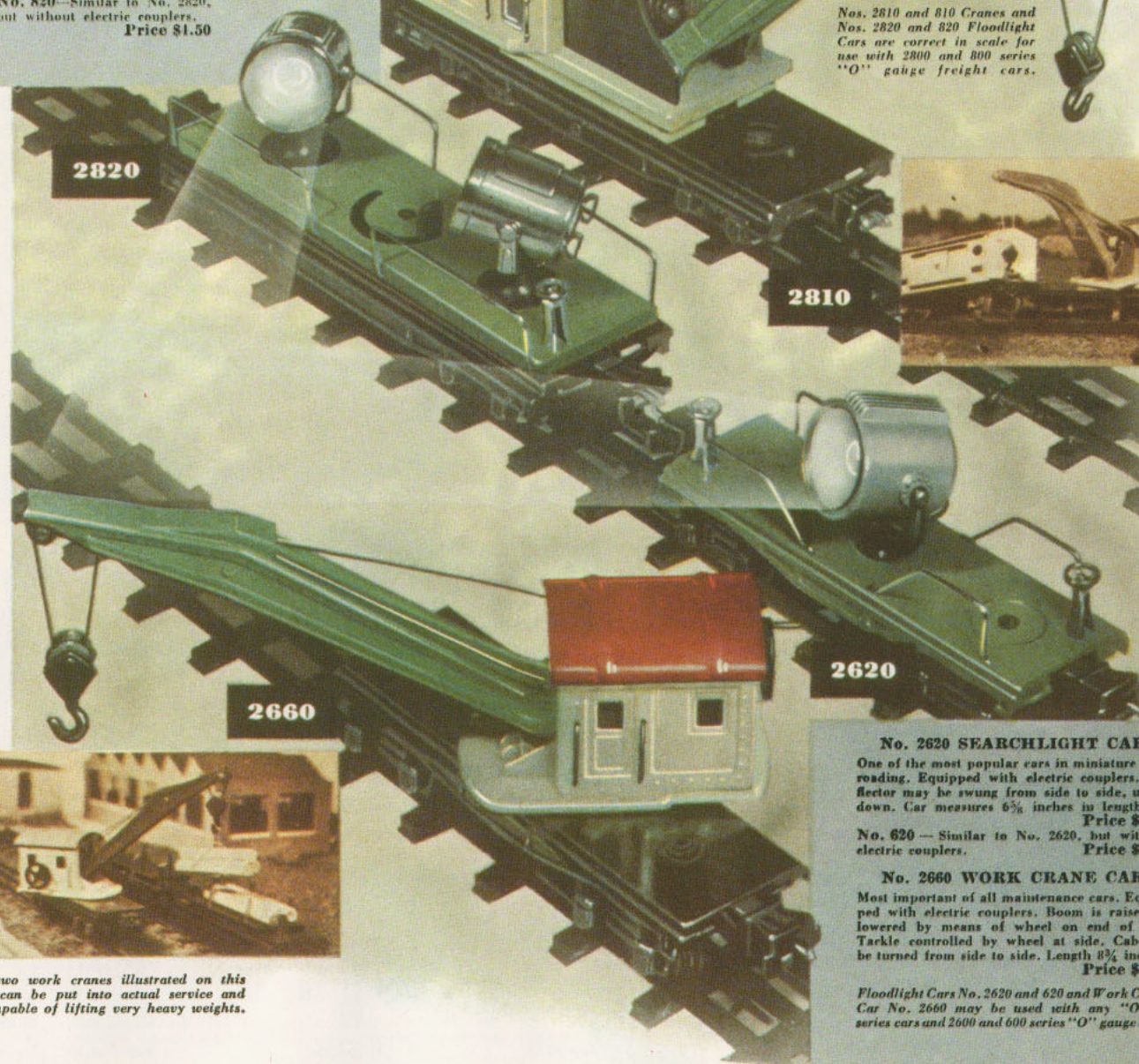
Equipped with one electric coupler. Boom can be raised or lowered. Track clamp prevents car from tipping. Three handwheels control block, boom and cab. Car is 10 inches long. Price \$8.75

**No. 810** — Similar to No. 2810, but without electric coupler. Price \$8.50

### No. 2820 FLOODLIGHT CAR

Searchlights can be adjusted to any angle. Universal switch illuminates each lamp separately or both at one time. Electric couplers.  $8\frac{3}{8}$  inches long. Price \$5.50

**No. 820** — Similar to No. 2820, but without electric couplers. Price \$1.50

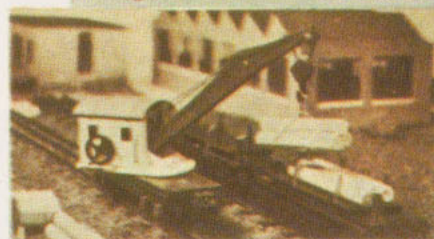


2820

2810

2620

2660



The two work cranes illustrated on this page can be put into actual service and are capable of lifting very heavy weights.

## SERVICE CARS

Nos. 2610 and 810 Cranes and Nos. 2820 and 820 Floodlight Cars are correct in scale for use with 2800 and 800 series "O" gauge freight cars.

### No. 2620 SEARCHLIGHT CAR

One of the most popular cars in miniature rail-roading. Equipped with electric couplers. Reflector may be swung from side to side, up or down. Car measures  $6\frac{1}{2}$  inches in length. Price \$3.75

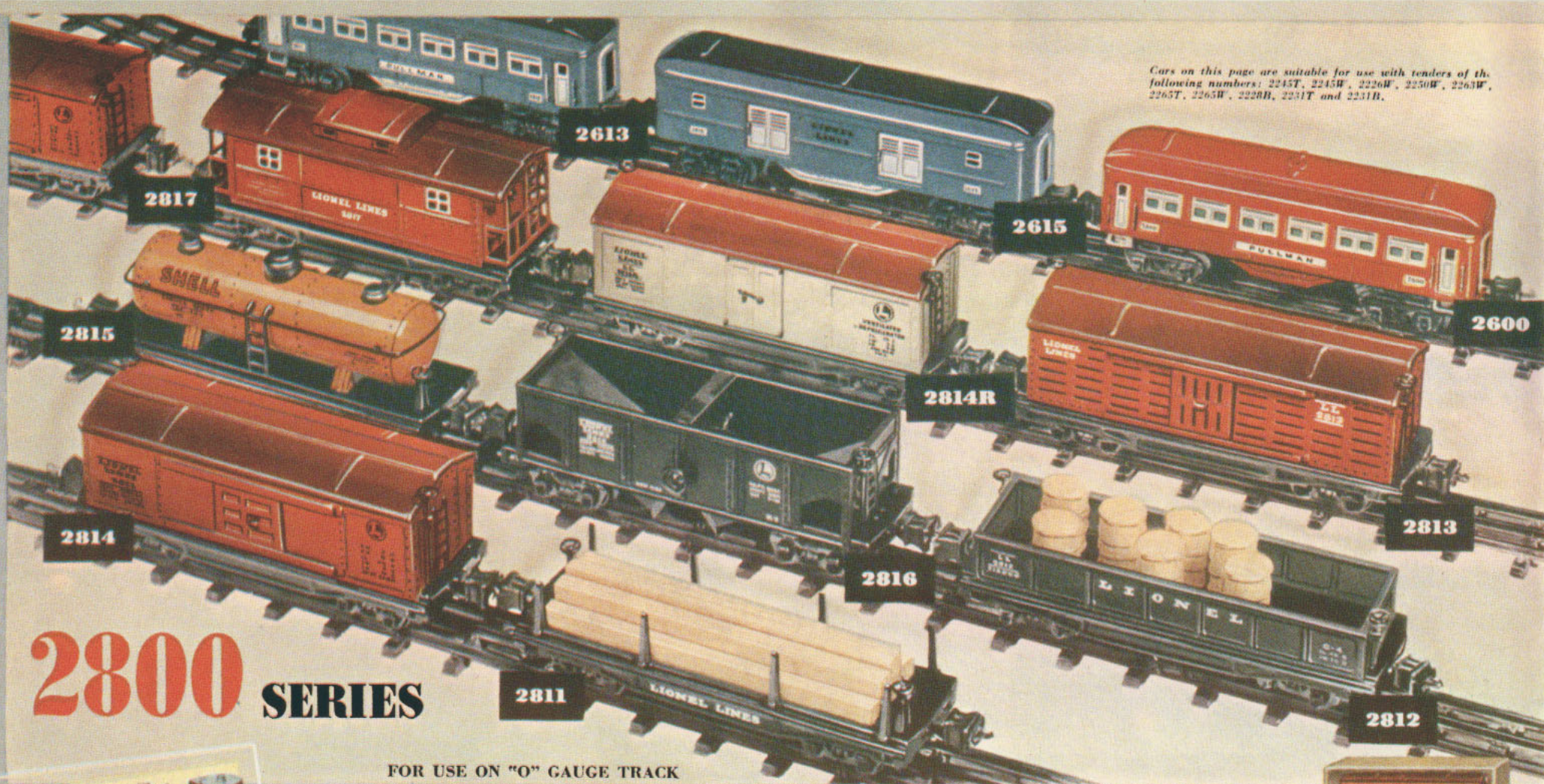
**No. 620** — Similar to No. 2620, but without electric couplers. Price \$2.75

### No. 2660 WORK CRANE CAR

Most important of all maintenance cars. Equipped with electric couplers. Boom is raised or lowered by means of wheel on end of cab. Tackle controlled by wheel at side. Cab can be turned from side to side. Length  $8\frac{3}{4}$  inches. Price \$1.50

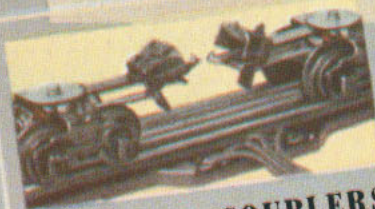
Floodlight Cars No. 2620 and 620 and Work Crane Car No. 2660 may be used with any "O-27" series cars and 2600 and 600 series "O" gauge cars.

Cars on this page are suitable for use with tenders of the following numbers: 2245T, 2245W, 2226W, 2250W, 2263W, 2265T, 2265W, 2228B, 2231T and 2231B.



# 2800 SERIES

FOR USE ON "O" GAUGE TRACK



## ELECTRIC COUPLERS

Lionel's electrically operated couplers represent the greatest engineering triumph in the realm of railroading. Electrical actuating device is built into the car truck, as illustrated above. At touch of a remote control button, one, two, three or any number of cars may be uncoupled from the rest of the train.

No. 2811 Lumber Car—Equipped with electric couplers and complete with a large load of logs. Car is 8 $\frac{1}{2}$  inches long. Price \$3.50

No. 811—Same as No. 2811, but without electric couplers. Price \$2.50

No. 2812 Gondola Car—Equipped with electric couplers. With each car four barrels are included. Car is 8 $\frac{1}{2}$  inches long. Price \$3.50

No. 812—Same as No. 2812, but without electric couplers. Price \$2.50

No. 2813 Cattle Car—Equipped with electric couplers. Two doors of car slide open and shut. Car is 8 $\frac{1}{2}$  inches long. Price \$3.75

No. 813—Same as No. 2813, but without electric couplers. Price \$2.75

No. 2814 Box Car—Equipped with electric couplers. Doors slide open. Car is 8 $\frac{1}{2}$  inches long. Price \$3.75

No. 814—Same as No. 2814, but without electric couplers. Price \$2.75

No. 2814R Refrigerator—Equipped with electric couplers. Hinged doors. Realistic lettering. Car is 8 $\frac{1}{2}$  inches long. Price \$3.75

No. 814R—Same as No. 2814R, but without electric couplers. Price \$2.75



## No. 802 FREIGHT CAR SET

An Ideal Gift Package

Consists of No. 2814 Box car, No. 2815 Oil car and one R.C.S. track set for actuating the electric remote control couplers with which each car is equipped.

Price \$8.50

No. 2815 Oil Tank Car—Equipped with electric couplers. Realistic lettering. Sturdy hand rail. Car is 8 $\frac{1}{2}$  inches long. Price \$3.75

No. 815—Same as No. 2815, but without electric couplers. Price \$2.75

No. 2816 Coal Car—Equipped with electric couplers. Wheel can be turned to open hopper bottoms. 8 $\frac{1}{2}$  inches long. Price \$3.75

No. 816—Same as No. 2816, but without electric couplers. Price \$2.75

No. 2817 Caboose—Equipped with electric couplers. Raised cupola. Real railroad color scheme. Car is 8 $\frac{1}{2}$  inches long. Price \$3.75

No. 817—Same as No. 2817, but without electric couplers. Price \$2.75

No. 2600 Illuminated Pullman—Electric couplers. 9 $\frac{1}{4}$  inches long. \$3.25

No. 600—Similar, but without electric couplers. \$2.50  
No. 2601 Observation Car, \$3.50. No. 601, \$2.75.  
No. 2602 Baggage Car, \$3.75. No. 602, \$3.00

No. 2613 Illuminated Pullman—Electric couplers. 10 $\frac{1}{4}$  inches long. \$4.00

No. 613—Similar, but without electric couplers. \$3.25  
No. 2614 Observation Car, \$4.25. No. 614, \$3.50.  
No. 2615 Baggage Car, \$4.25. No. 615, \$3.50

# 2600 SERIES

Cars above are suitable for use with tenders of the following numbers: 2224T, 2224W, 2235T, 2235W, 2225T, 2225W, 2689T, 02689W, 2226WX, 2227T, 2227H, 2203T, 2203H, 2230T, 2230H, 2201T, 2201B and 2232B.

## 2651 LUMBER CAR

Equipped with electric couplers and load of logs. Car is 6 1/2 inches long.

Price \$2.50

No. 651 — Same as No. 2651, but without electric couplers. Price \$1.50

## 2656 CATTLE CAR

Equipped with electric couplers. Sides cut out. Doors slide open. Car is 6 1/2 inches long.

Price \$2.75  
No. 656 — Same as No. 2656, but without electric couplers. Price \$1.75

## No. 2652 GONDOLA

Equipped with electric couplers. Barrels are included. Car is 6 1/2 inches long.

Price \$2.50

No. 652 — Same as No. 2652, but without electric couplers. Price \$1.50

## No. 2657 CABOOSE

Equipped with one electric coupler. Realistic lettering. Size of car is 6 1/2 inches long.

Price \$2.75

No. 657 — Same as No. 2657, but without electric coupler. Price \$1.85

## No. 2653 COAL CAR

Equipped with electric couplers. Hopper bottom opens. Car is 6 1/2 inches long.

Price \$2.75

No. 653 — Same as No. 2653, but without electric couplers. Price \$1.75

## No. 2659 DUMP CAR

Equipped with electric couplers. Body can be tilted. Car is 6 1/2 inches long.

Price \$2.75

No. 659 — Same as No. 2659, but without electric couplers. Price \$1.75

## No. 2654 TANK CAR

Equipped with electric couplers. Realistic lettering. Car is 6 1/2 inches long.

Price \$2.75

No. 654 — Same as No. 2654, but without electric couplers. Price \$1.75

## No. 2640 PULLMAN

Interior illumination. Electric couplers. 12 inches long.

Price \$3.00

No. 2641 — Observation Car. Similar to No. 2640, but with platform. Electric coupler. Price \$3.25

## No. 2655 BOX CAR

Equipped with electric couplers. Doors slide open. Car is 6 1/2 inches long.

Price \$2.75

No. 655 — Same as No. 2655, but without electric couplers. Price \$1.75

## No. 637 COACH

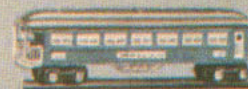
Union Pacific with illuminated vestibule. (Not illustrated) 8" long.

Price \$3.75

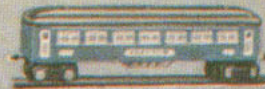
No. 638 — Observation Car. Union Pacific with illuminated vestibule. (Not illustrated) 11 1/2" long. \$4.00

# 0-27 SERIES

Lionel "O-27" cars are built of steel, realistically lettered and finished in bright colors. Freight cars are 9 1/4 inches long. Passenger cars are 12 inches long.



No. 2630 PULLMAN  
Removable roofs. Enamel finish. 12 inches long. Electric couplers. Price \$2.50



No. 2631 OBSERVATION  
Removable roofs. Enamel finish. 12 inches long. Electric coupler. Price \$2.75



No. 2677 — Electric couplers. 9 1/4 inches long. Price \$1.50  
No. 1677 — Same but without electric couplers. Price \$1.00



No. 2679 — Electric couplers. 9 1/4 inches long. Price \$1.50  
No. 1679 — Same but without electric couplers. Price \$1.00



No. 2680 — Electric couplers. 9 1/4 inches long. Price \$1.50  
No. 1680 — Same but without electric couplers. Price \$1.00



No. 2682 — Electric couplers. 9 1/4 inches long. Price \$1.50  
No. 1682 — Same but without electric couplers. Price \$1.00



No. 1049 "O-27" FREIGHT CAR SET  
No. 2679 Box car and No. 2680 Oil Tank car, both with electric couplers. No. 1019 Track set with remote control. Price \$4.00



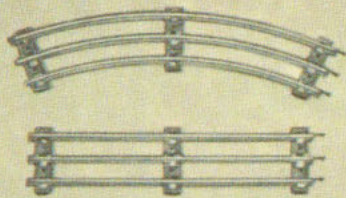
1048 PASSENGER SET  
Two No. 2630 Pullmans, No. 2631 Observation car, with electric couplers. No. 1019 Track Set. Price \$7.25



No. 801 FREIGHT CAR SET  
Consists of No. 2634 Oil Tank car, and No. 2655 Box car, both with electric couplers, also one RCS Track set for remote control operation of couplers. \$6.75

# STANDARD GAUGE CARS

No. 211—Lumber Car. \$3.50	No. 511—Lumber Car. \$3.00
No. 212—Gondola Car. \$3.50	No. 514—Box Car. \$3.50
No. 213—Cattle Car. \$4.50	No. 514R—Refrigerator. \$3.50
No. 214—Box Car. \$4.50	No. 515—Oil Tank Car. \$3.50
No. 214R—Refrigerator. \$4.50	No. 516—Coal Car. \$3.75
No. 215—Oil Tank Car. \$4.50	No. 517—Lighted Caboose. \$3.75
No. 219—Work Crane \$10.00	No. 520—Floodlight Car. \$5.50
No. 217—Illuminated Caboose, 12 1/2 inches long. Price \$5.00	
No. 220—Electric Floodlight Car, 12 1/2 inches long. Price \$6.75	
No. 309—Illuminated Pullman Car, 13 1/4" long. Price \$4.00	
No. 310—Illuminated Baggage Car, 13 1/4" long. Price \$4.00	
No. 312—Illuminated Observation Car, 13 1/4" long. Price \$4.50	
No. 420—Illuminated Pullman Car, 18 3/8" long. Price \$11.00	
No. 421—Illuminated Pullman Car, 18 3/8" long. Price \$11.00	
No. 422—Illuminated Observation Car, 18 3/8" long. Price \$11.00	
No. 424—Illuminated Pullman Car, 15 1/2" long. Price \$8.50	
No. 425—Illuminated Pullman Car, 15 1/2" long. Price \$8.50	
No. 426—Illuminated Observation Car, 15 1/2" long. Price \$8.50	
No. 1766—Illuminated Pullman Car, 15 inches long. Price \$4.25	
No. 1767—Illuminated Baggage Car, 15 inches long. Price \$4.25	
No. 1768—Illuminated Observation Car, 15" long. Price \$4.75	



Running rails of Lionel "O-27" track are formed by a turn-back flange, making them doubly rigid. All ties are oxidized black. The third rail is insulated from running rails by over-sized insulators. A connecting clip holds sections of track firmly locked. Because of height of rails, "O-27" track, switches, and crossovers cannot be used with "O" gauge equipment. Straight track is 8 $\frac{3}{8}$  inches long. Curved is 9 $\frac{1}{2}$  inches long.

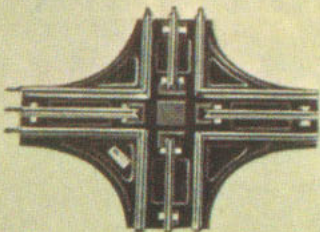
No. 1013—Curved Track. Price \$.15  
No. 1018—Straight Track. Price \$.15  
No. 1013-17—Steel Pins. Price, Dozen \$.10  
No. 313-82—Fibre pins. Price, Each \$.05



UTC Lockon — Clamped on track, it provides a perfect contact for wires leading to transformer. Price \$.40



No. 1025 ILLUMINATED BUMPER  
Equipped with an electric caution lamp. One section of "O-27" track is included. Price \$1.75



No. 1021 90-DEGREE CROSSING  
Black enamel base to match the ties of "O-27" track. 7 $\frac{3}{8}$  inches square. A great help in making interesting track layouts. Price \$1.00

## REMOTE CONTROL SWITCHES

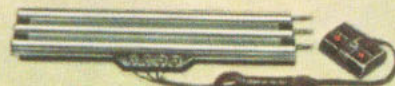


First time Lionel quality has ever been built into remote control switches to sell at so low a price. Each switch is equipped with a newly designed operating mechanism containing red and green colored electric lights that indicate the position of the swivel rail. The switch controller has a corresponding set of colored lights which indicates the position even though the switch itself may not be visible to the operator. The switch controller contains two realistic, ribbed levers. The swivel rails operate with quick action on low voltage. Switch is 9 $\frac{3}{8}$  inches long, 6 $\frac{3}{8}$  inches wide.

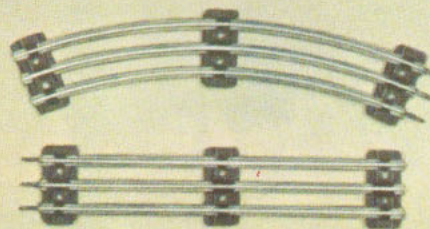
No. 1121 — Pair, one right and one left hand switch, complete with switch controller and connecting cable. Price \$6.75



No. 1024 MANUAL SWITCHES  
Constructed of steel and perfectly insulated, switch is operated by hand lever. Per pair \$2.75  
No. 1024R—Right-hand Switch. Price \$1.75  
No. 1024L—Left-hand Switch. Price \$1.75

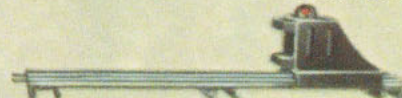


No. 1019 REMOTE CONTROL TRACK  
This section of special 5-rail track is made for the operation of cars that can be unloaded electrically and for actuating remote control couplers. Complete with two-button remote control and 30 inches of connection cable. Mounted section of straight "O-27" track is 8 $\frac{3}{8}$  inches long. Price \$1.25



Lionel track is made by doubling the flange which so strengthens it that were a person to stand on it, it would not bend. Each section is perfectly insulated and tested. One end of each section has three steel pins which fit into the adjoining section. A connecting clip holds tracks firmly locked.

OC—Curved track, 10 inches long. Price \$.20  
OS—Straight track, 10 $\frac{3}{8}$  inches long. Price \$.20  
 $\frac{1}{2}$ OC— $\frac{1}{2}$  Section, curved track. Price \$.20  
 $\frac{1}{2}$ OS— $\frac{1}{2}$  Section, straight track. Price \$.20  
OSS—Straight track with two insulated rails. Complete with Lockon, wires and fibre pins. Price \$.60  
OCS—Curved track with two insulated rails. Complete with Lockon, wires and fibre pins. Price \$.60  
OC-18—Steel pins. Price, Dozen \$.10  
011-11—Fibre pins. Price, Each \$.05

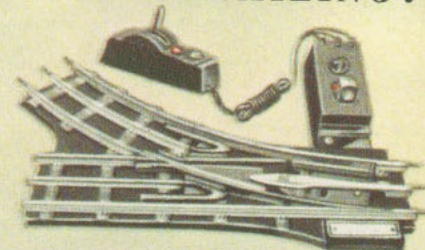


No. 025 ILLUMINATED BUMPER  
Enameled finish. Equipped with electric caution lamp. One section of "O" gauge track is included with bumper. 10 inches long. Price \$2.00



No. 020X 45-DEGREE CROSSING  
Constructed of steel. Bakelite crossing insulation. 11 $\frac{1}{8}$  inches long. Price \$1.75  
No. 020—Similar to No. 020X, but 90-degree. 8 $\frac{3}{8}$  inches square. Price \$1.50

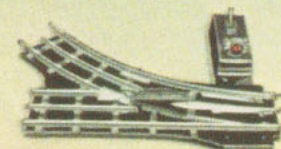
## REMOTE CONTROL! NON-DERAILING!



A patented built-in electrical device automatically unloads and throws swivel rail when train approaches an open switch thus preventing derailment. At the same time it changes the indicator lights on the switch and Controller. An intricately molded Bakelite base supports the rails and has moulded integrally the frog, guard rails, closure rails, ties and tie plates. Perfect spacing of rails and smooth operation of trains results from this construction. The absence of a metal base eliminates any possibility of short circuits. Switch motor and rotary indicator light are built into a compact, sturdy unit which can be mounted on either side of the switch by simply removing two screws.

No. 022 (Pair—one right and one left) — 10 $\frac{1}{2}$  inches long. Electric cord, remote controls and lamps are included. Price Per pair \$11.50

No. 022R—Right-hand Switch. Price \$6.00  
No. 022L—Left-hand Switch. Price \$6.00



No. 042 MANUAL SWITCHES  
By means of a lever at the side of control box the swivel rail and signal light are turned. Construction otherwise is similar to No. 022 switches. 10 $\frac{1}{2}$  inches long.

Pair, one right and one left, \$6.95  
No. 042R—Right-hand Switch. Price \$3.75  
No. 042L—Left-hand Switch. Price \$3.75

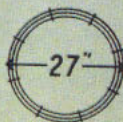


RCS REMOTE CONTROL TRACK SET  
This special section of 5-rail track operates electric couplers and the electric unloading mechanism in operating freight cars. Mounted section of "O" gauge track is 10 inches long. Two-button Controller with 30 inches of connecting cable is included. Price \$1.50

# "O-27"

## Track Equipment

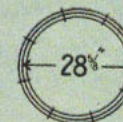
Eight sections of curved track form a circle 27 inches in diameter to the extreme outside ends of ties. Straight track is 8 $\frac{3}{8}$  inches long. Curved track is 9 $\frac{1}{2}$  inches long. The track gauge is 1 $\frac{1}{4}$  inches between running rails.

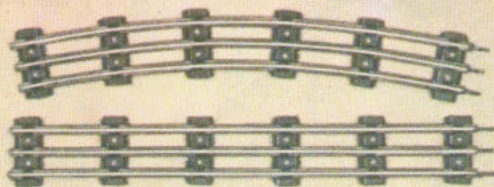


# "O"

## Gauge Track Equipment

Eight sections of curved track form a circle 28 $\frac{3}{8}$  inches in diameter, from center rail to center rail—30 $\frac{3}{8}$  inches to the ends of ties. Straight track is 10 inches long. Curved, 10 $\frac{7}{8}$  inches long. 1 $\frac{1}{4}$  inches between running rails.





Closely spaced black oxidized ties. "O" gauge straight track can be used with "O-72" track, if desired. Straight track is 14 $\frac{3}{8}$  inches long. Curved track is 14 inches long.

No. 761—Curved Track. \$3.35  
 No. 762—Straight Track. \$3.35  
 No. 762S—Insulated Straight Track, Lockon. \$7.70  
 OC-18—Steel Pins. Doz. \$1.10  
 011-11—Fibre Pins. Ea. \$0.05

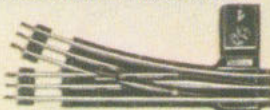


#### RCS REMOTE CONTROL TRACK SET

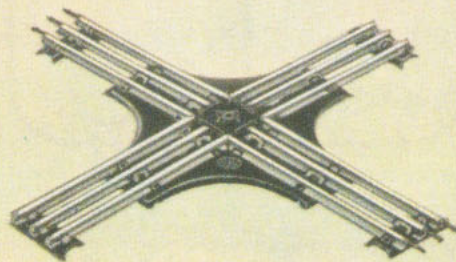
This special section of 5-rail track operates electric couplers and unloading mechanism in freight cars. Mounted section of "O" gauge track is ten inches long. Controller with cable is included. Price \$1.50

#### MANUALLY CONTROLLED SWITCHES

No. 721—Actuated by means of lever on base, which also changes the signal light. 14 $\frac{3}{8}$  inches long. Per Pair \$7.50

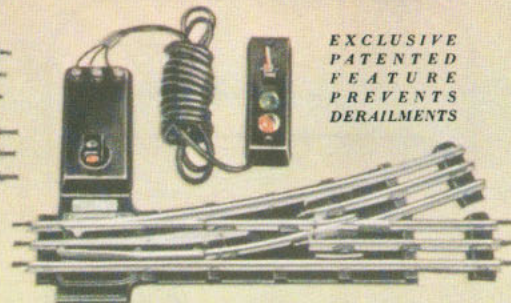


No. 721R—Right hand switch. Price \$4.00  
 No. 721L—Left hand switch. Price \$4.00



#### No. 720 90-DEGREE CROSSING

Crossing rails are mounted on an embossed steel base containing a molded plastic block in the center, to prevent short circuits. 14 $\frac{1}{2}$  inches square. Price \$2.25



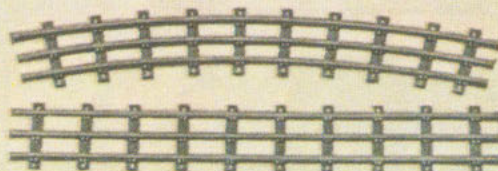
EXCLUSIVE  
 PATENTED  
 FEATURE  
 PREVENTS  
 DERAILMENTS

Built-in cut-off makes derailment of train impossible. Colored lights in remote control base as well as in the switch head. A direct-to-transformer plug permits acceleration of switch action. Signal base may be assembled inside or outside the switch in order to fit the requirements of each track layout. 14 $\frac{3}{8}$  inches long.

No. 711—Pair, one right and one left. Price \$13.50  
 No. 711R—Right hand. Price \$7.00  
 No. 711L—Left hand. Price \$7.00

#### No. 760 TRACK PACK

A complete circle of "O-72" wide-radius curved track. Sixteen sections of No. 761. Price \$5.60



#### Steel T-Rail Track

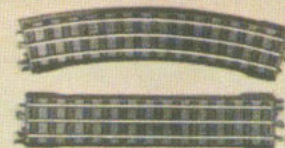
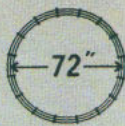
Solid rails mounted on ties containing tie plates and spikes. Bolts, fish plates and wrench supplied with track. Sixteen sections for circle 72 inches in diameter. Curved sections are 14 inches long. Straight, 14 $\frac{3}{8}$  inches long. Gauge, 1 $\frac{1}{4}$  inches between running rails.

No. 771—Curved track, with bolts and plates. \$6.00  
 No. 772—Straight track, with bolts and plates. \$6.00  
 No. 772S—Insulated Straight track. \$1.00  
 No. 773—Fish Plate Outfit, 100 bolts, 100 nuts, 50 fish plates and wrench. \$1.25  
 No. 730—90-Degree Crossing. Similar to No. 720, but with solid rails. Price \$2.75  
 No. 731—Remote Control Switches. Similar to No. 711, but with solid rails. Price \$15.00  
 No. 731R—Right hand Switch. Price \$7.75  
 No. 731L—Left hand Switch. Price \$7.75

# "O-72"

## Track Equipment

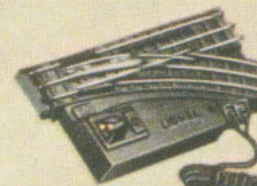
Sixteen sections of curved track form a circle 72 inches in diameter from center rail to center rail—74 $\frac{1}{4}$  inches to ends of ties. Straight track is 14 $\frac{3}{8}$  inches long. Curved, 14 inches long. 1 $\frac{1}{4}$  inches between running rails.



#### "OO" GAUGE 3-RAIL TRACK

Lionel 3-rail track is mounted on black Bakelite base containing moulded, closely-spaced ties. A special section of curved track contains terminals for wire connections.

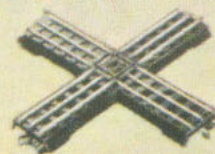
No. 0051—Curved Track, 7" long. \$3.30  
 No. 0052—Straight Track, 6 $\frac{1}{4}$ " long. \$3.30  
 No. 0054—Curved Track with wire connectors. Price \$6.65  
 No. 0063— $\frac{1}{2}$  Curved Track, 3 $\frac{1}{2}$  in. \$3.35  
 No. 0065— $\frac{1}{2}$  Straight Track, 3 $\frac{1}{2}$  in. \$3.35  
 No. 0066—5/6 Straight Track. \$4.40



#### REMOTE CONTROL SWITCHES

Switch snaps to "clear" automatically upon approach of a train if the dispatcher forgets to operate controls. Connected by three-foot cable to Controller which has green and red lights corresponding to the color lights on the switch itself.

No. 0072—Right and left. Pair \$10.00  
 No. 0072L—Left-hand Switch. \$5.50  
 No. 0072R—Right-hand Switch. \$5.50



#### "OO" GAUGE 3-RAIL CROSSING

No. 0070—The length of the "OO" gauge crossover is equal to one section of straight track. 90-degree intersection. Price \$2.50

# "OO"

## Gauge Track Equipment

Twelve sections of "OO" gauge 3-rail track form a circle 27 inches in diameter from center rail to center rail. 2-rail curved track form a circle 48 inches in diameter. The track gauge is  $\frac{5}{8}$  of an inch between running rails.

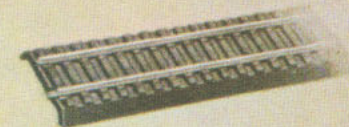


## STANDARD GAUGE TRACK

Eight sections of curved track form a circle 40 $\frac{1}{4}$  inches in diameter from center rail to center rail—43 $\frac{7}{8}$  inches to the ends of ties. Gauge, 2 $\frac{1}{8}$  inches between running rails.

C—Curved Track, 15 $\frac{1}{2}$  inches long. Price \$3.35  
 S—Straight Track, 14 inches long. Price \$3.35  
 $\frac{1}{2}$ C—Half length, Curved Track. Price \$3.35  
 $\frac{1}{2}$ S—Half length, Straight Track. Price \$3.35  
 SS—Straight track with two insulated rails, with Lockon, wires and pins. Price \$7.70  
 SCS—Curved track with two insulated rails, with Lockon, wires and pins. Price \$7.70  
 No. 25—Illuminated Bumper. Price \$2.50  
 No. 20—90-Degree Crossover. 11 $\frac{3}{4}$  inches square. Price \$2.00  
 No. 223—Pair Remote Control Switches. 15 $\frac{1}{4}$  inches long, 8 $\frac{5}{8}$  inches wide. Pair \$13.50  
 No. 223R—Right-hand Switch. Price \$7.00  
 No. 223L—Left-hand Switch. Price \$7.00  
 No. 210—Manually Controlled Switches. Pair, 15 $\frac{1}{4}$  inches long, 8 $\frac{5}{8}$  inches wide. Pair \$7.50  
 No. 210R—Right-hand Switch. Price \$4.00  
 No. 210L—Left-hand Switch. Price \$4.00

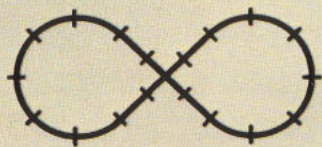
## NEW LIONEL 2-RAIL TRACK



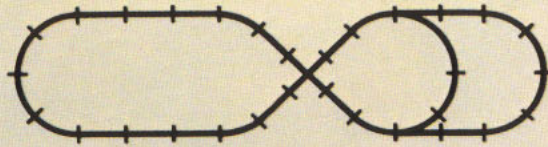
New Lionel "OO" 2-rail track is the most realistic ever manufactured for quick assembly. Ties, tie plates and bolts are strictly true-to-scale. Ties are spaced accurately for a heavy-duty main line. Rails are solid steel ("T"-Rail type) and more accurately scaled than any on the market. The base is Bakelite and may be covered easily with realistic rock ballast.

Track is joined by a powerful spring interlock of rails. Twelve sections of curved track form a circle with a diameter of 48 inches. A circle of track, including base, occupies a space of 50 by 50 inches.

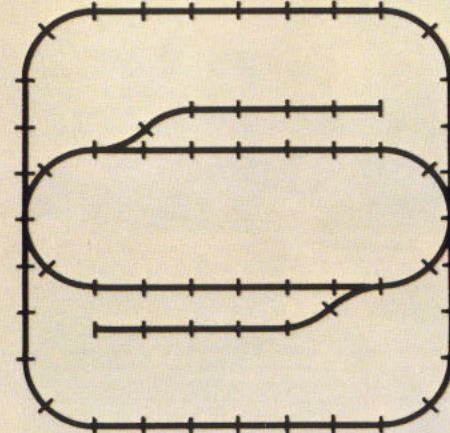
No. 0031—Curved Track, 13 inches long. Price \$5.50  
 No. 0032—Straight Track, 12 inches long. Price \$5.50  
 No. 0034—Connection Curved Track. Price \$6.65



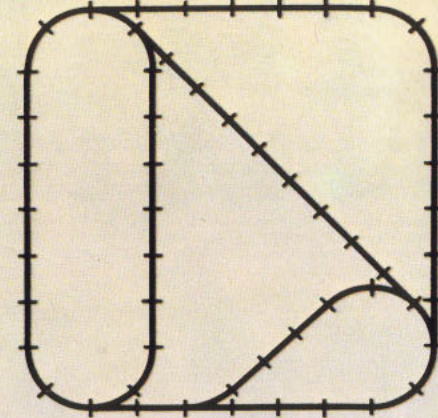
TRACK REQUIRED: 4 sections of straight track, 12 sections of curved track, 1 90-degree crossing. SPACE REQUIRED: For "O-27", 27 by 62 $\frac{3}{4}$  inches. "O" gauge, 30 by 70 inches. Standard, 40 by 96 inches.



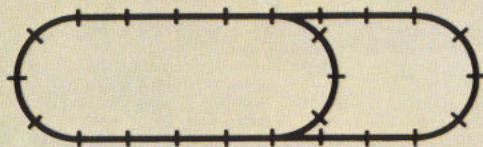
TRACK REQUIRED: 12 sections of straight track, 14 sections of curved track, 1 90-degree crossing, 1 pair of switches. SPACE REQUIRED: For "O-27" track, 27 by 107 inches. For "O" gauge, 30 by 120 inches. For Standard gauge, 43 by 170 $\frac{1}{2}$  inches.



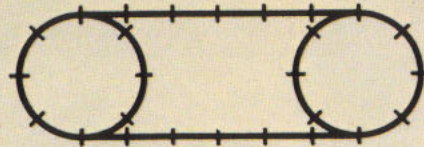
TRACK REQUIRED: 36 sections of straight track, 14 sections of curved track, 2 pair and 2 left hand switches and 2 bumpers. SPACE REQUIRED: For "O-27" track, 30 $\frac{1}{4}$  inches square. "O" gauge, 90 inches square. Standard gauge, 127 inches square.



TRACK REQUIRED: 33 sections of straight track, 10 sections of curved track and 2 pair switches, 2 left hand switches. SPACE REQUIRED: For "O-27" track, 85 $\frac{1}{2}$  by 85 $\frac{1}{2}$  inches. For "O" gauge track, 90 by 90 inches. For Standard gauge track, 127 by 127 inches.



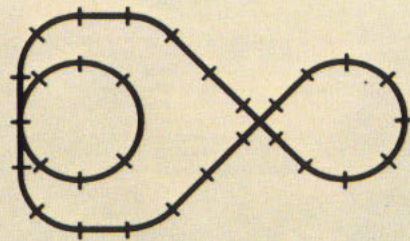
TRACK REQUIRED: 12 sections of straight track, 10 sections of curved track, 1 pair switches. SPACE REQUIRED: For "O-27" track, 27 by 89 $\frac{1}{2}$  inches. For "O" gauge, 30 by 100 inches. For Standard gauge, 40 by 138 inches.



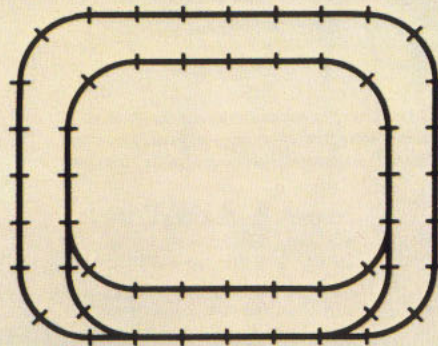
TRACK REQUIRED: 8 sections of straight track, 12 sections of curved track, 2 pairs of switches. SPACE REQUIRED: For "O-27" track, 27 by 80 $\frac{1}{4}$  inches. For "O" gauge, 30 by 90 inches. For Standard gauge, 43 by 127 inches.



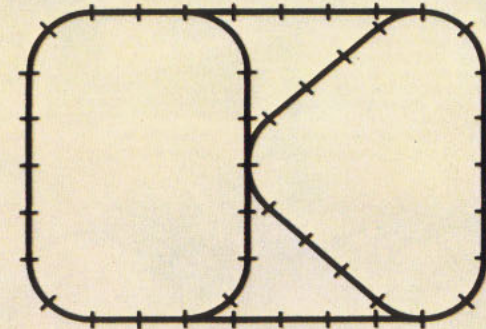
TRACK: 15 straight, 10 curved, 1 pair of switches. SPACE: For "O-27", 35 $\frac{1}{2}$  by 71 $\frac{1}{2}$  inches. "O", 40 by 80 inches. Standard, 57 by 113 inches.



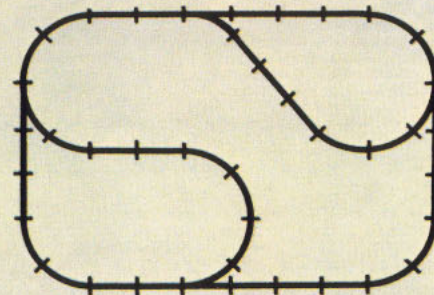
TRACK: 8 straight, 18 curved, pair of switches, 1 crossing. SPACE: For "O-27" track, 44 $\frac{3}{4}$  by 78 inches. "O", 50 by 87 inches. Standard, 71 by 124.



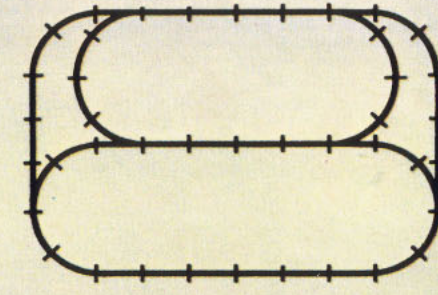
TRACK REQUIRED: 30 straight, 16 curved and 2 pair of switches. SPACE: For "O-27", 62 $\frac{1}{2}$  by 80 $\frac{1}{4}$  inches. "O" gauge, 70 by 90 inches. Standard gauge, 96 by 127 inches.



TRACK REQUIRED: 26 sections of straight track, 10 sections of curved track, and 3 pairs of switches. SPACE REQUIRED: For "O-27" gauge track, 62 $\frac{1}{2}$  by 89 $\frac{1}{2}$  inches. For "O" gauge track, 70 by 100 inches. For Standard gauge, 96 by 138 inches.



TRACK: 19 straight track, 14 curved track, 2 pair switches. SPACE: For "O-27", 53 $\frac{3}{8}$  by 80 $\frac{1}{4}$  inches. "O" gauge, 60 by 90 inches. Standard gauge, 85 by 127 inches.

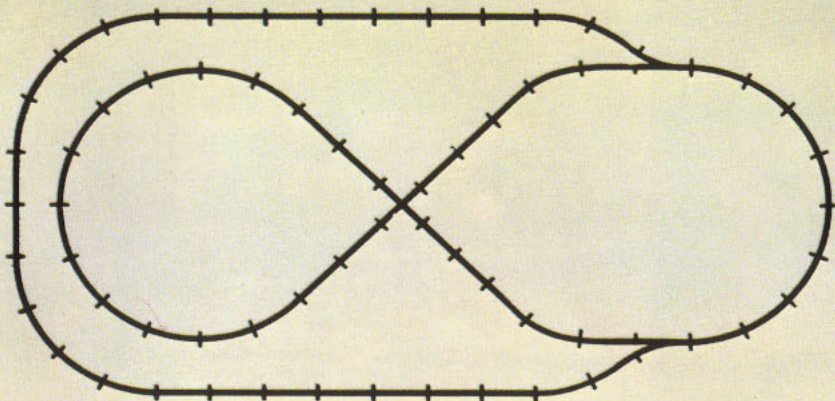


TRACK: 18 straight track, 14 curved track, 3 pair switches. SPACE: For "O-27", 53 $\frac{3}{8}$  by 80 $\frac{1}{4}$  inches. "O" gauge, 60 by 90 inches. Standard gauge, 85 by 127 inches.

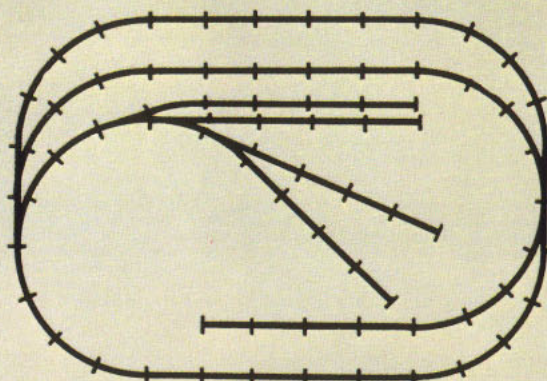
# T

## rack Layouts

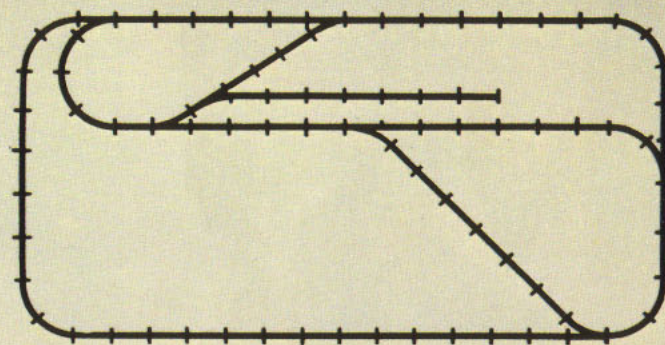
The diagrams on these pages are suggestions merely to illustrate the principles involved in good model building. It's lots of fun to develop your own plan.



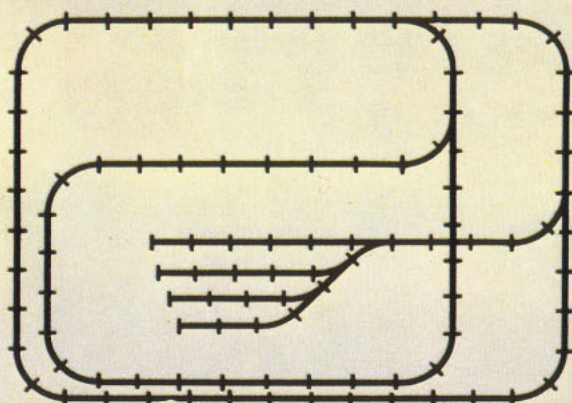
TRACK REQUIRED: 28 sections of straight track, 34 sections of curved track, 1 90-degree crossover, and 1 pair switches. SPACE REQUIRED: For "O-72" gauge only, 100 $\frac{3}{4}$  inches at widest point, 72 inches at narrowest point, 214 $\frac{1}{2}$  inches overall length.



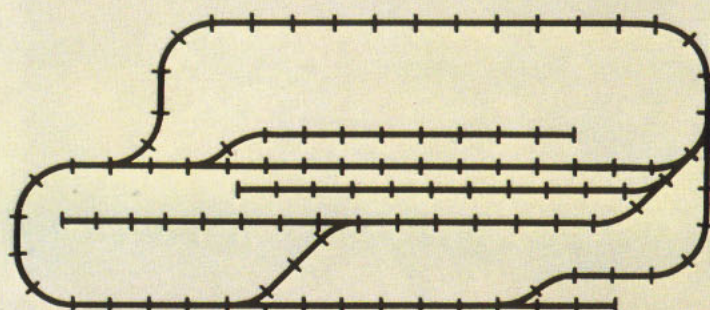
TRACK REQUIRED: 30 sections of straight track, 28 sections of curved track, 2 pair switches, 5 right-hand switches and 5 bumpers. SPACE REQUIRED: For "O-72" gauge only, 100 by 144 inches.



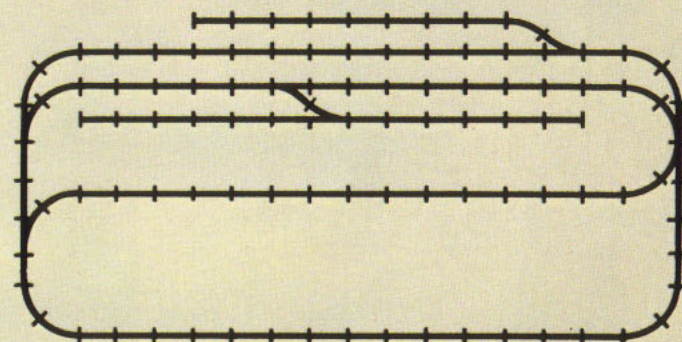
TRACK REQUIRED: 60 sections of straight track, 12 sections of curved track, 3 pair and 1 left-hand switch, 1 bumper. SPACE REQUIRED: For "O-27" gauge, 71 $\frac{3}{8}$  by 151 $\frac{1}{4}$  inches. For "O" gauge, 80 by 170 inches. For Standard gauge, 110 by 238 inches.



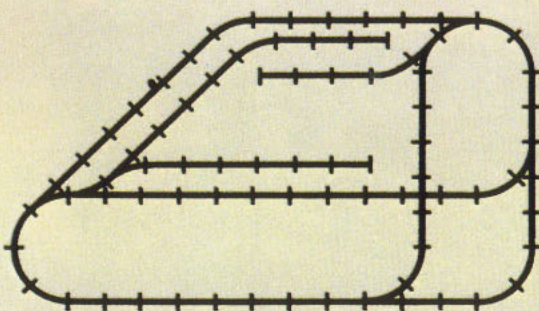
TRACK REQUIRED: 68 sections of straight track, 18 sections of curved track, 1 90-degree crossover, 5 right-hand switches, 4 left-hand switches and 4 bumpers. SPACE REQUIRED: For "O-27" gauge, 89 by 124 $\frac{1}{2}$  inches. For "O" gauge, 100 by 140 inches. For Standard gauge, 138 by 208 inches.



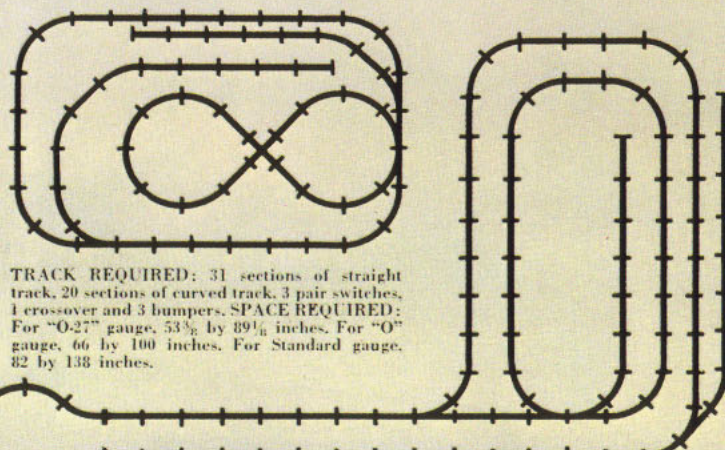
TRACK REQUIRED: 72 sections of straight track, 14 sections of curved track, 3 pair and 2 left-hand switches, 4 bumpers. SPACE REQUIRED: For "O-27" gauge, 71 $\frac{3}{8}$  by 160 $\frac{1}{8}$  inches. For "O" gauge, 80 by 180 inches. For Standard gauge, 110 by 250 ins.



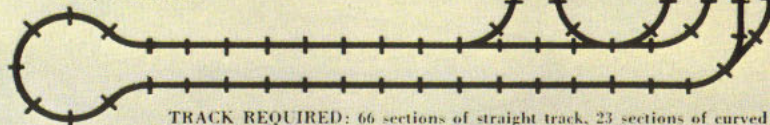
TRACK REQUIRED: 77 sections of straight track, 13 sections of curved track, 1 pair and 5 right-hand switches, 3 bumpers. SPACE REQUIRED: For "O-27" gauge, 80 $\frac{1}{4}$  by 151 $\frac{1}{4}$  inches. "O" gauge, 90 by 170 inches. For Standard gauge, 127 by 238 inches.



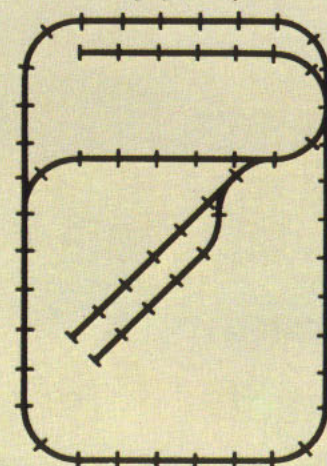
TRACK REQUIRED: 51 sections of straight track, 12 sections of curved track, 1 90-degree crossing, 2 pair switches, 2 left-hand switches, 2 bumpers. SPACE REQUIRED: For "O-27" gauge, 71 $\frac{3}{8}$  by 124 $\frac{1}{8}$  inches. For "O" gauge, 80 by 140 inches. For Standard gauge, 110 by 194 inches.



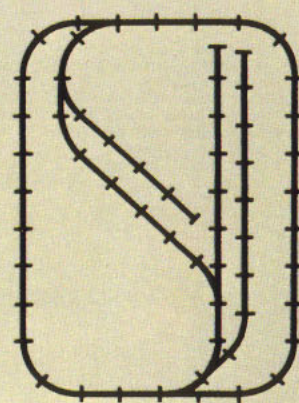
TRACK REQUIRED: 31 sections of straight track, 20 sections of curved track, 3 pair switches, 1 crossover and 3 bumpers. SPACE REQUIRED: For "O-27" gauge, 53 $\frac{3}{8}$  by 89 $\frac{1}{8}$  inches. For "O" gauge, 66 by 100 inches. For Standard gauge, 82 by 138 inches.



TRACK REQUIRED: 66 sections of straight track, 23 sections of curved track, 1 pair and 2 left-hand switches, 2 bumpers. SPACE REQUIRED: For "O-27" gauge, 112 by 182 $\frac{1}{2}$  inches. For "O" gauge, 125 by 205 inches. For Standard gauge, 172 by 284 inches.



TRACK REQUIRED: 40 straight, 12 curved, 2 pairs and 1 left-hand switch, 3 bumpers. SPACE REQUIRED: For "O-27" gauge, 71 $\frac{3}{8}$  by 106 $\frac{1}{8}$  inches. For "O" gauge, 80 by 115 inches.



TRACK REQUIRED: 39 sections of straight track, 11 sections of curved track, 5 left-hand switches, 3 bumpers. SPACE REQUIRED: "O-27" gauge, 62 $\frac{1}{2}$  by 89 $\frac{1}{8}$  inches. "O" gauge, 70 by 100 inches. 51



Included with No. 82N Semaphore are two Lockons, bulb, wires and contactor; with No. 80N are contactor, bulb and wires. Nos. 82N and 80N are not suitable for "O-27" and "OO" gauge trains.

#### No. 82N TRAIN CONTROL

When train approaches, semaphore is down and red bull's-eye is illuminated. Train stops. After a short interval, arm rises, light changes and train proceeds. Action is automatic. 14 1/2 inches high. Price \$6.75

#### No. 80N AUTOMATIC SIGNAL

As train approaches, semaphore arm rises and green bull's-eye is illuminated. When train has passed, arm drops and red bull's-eye is seen. Action is entirely automatic. Signal measures 15 inches high. Price \$4.25

## NEW, REALISTIC EQUIPMENT

Suitable for any gauge equipment except "OO" and Standard

#### No. 152 AUTOMATIC CROSSING GATE

Double-arm street and sidewalk crossing gate. Attractively colored. As train approaches, red warning light on gate is illuminated and two arms of gate are lowered. When train has passed light is extinguished and gate opens. Gate is 10 1/2 inches long. Included are a contactor and wires. Price \$2.50

#### No. 154 AUTOMATIC HIGHWAY SIGNAL

Danger! Railroad crossing ahead. As train approaches, this traffic signal flashes alternate red lights warning the make-believe motorist he is approaching the railroad crossing. Flashing ceases when train has passed. Contactor and wires are included. 9 inches high. Price \$2.00



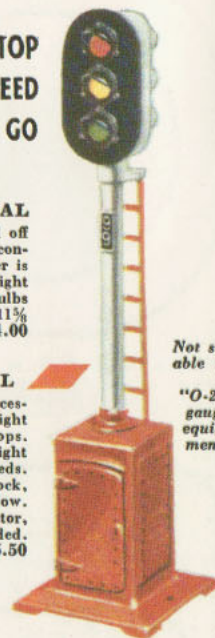
#### STOP HALF SPEED GO

#### No. 79 FLASHING SIGNAL

Red lights flash on and off alternately. Action is continuous as long as power is applied. In base, a red light shines continuously. Bulbs and wires included. 11 1/2 inches high. Price \$4.00

#### No. 99N TRAIN CONTROL

As train passes over accessory contactor, red light shines and train stops. After interval, green light shines and train proceeds. When last car leaves block, light changes to yellow. 11 1/4 inches high. Contactor, bulbs and Lockons included. Price \$5.50



Not suitable for  
"O-27"  
gauge  
equipment.

## New, Automatic Block Control

No. 153—Controls locomotives automatically so that two trains may run at same time, on same oval of track, without the possibility of an accident. When first train enters safety block, signal flashes red, slowing or halting train that follows. Suitable for any gauge except "OO". 9 inches high. Included are contactor, Lockons, bulbs and wires. Price \$2.95

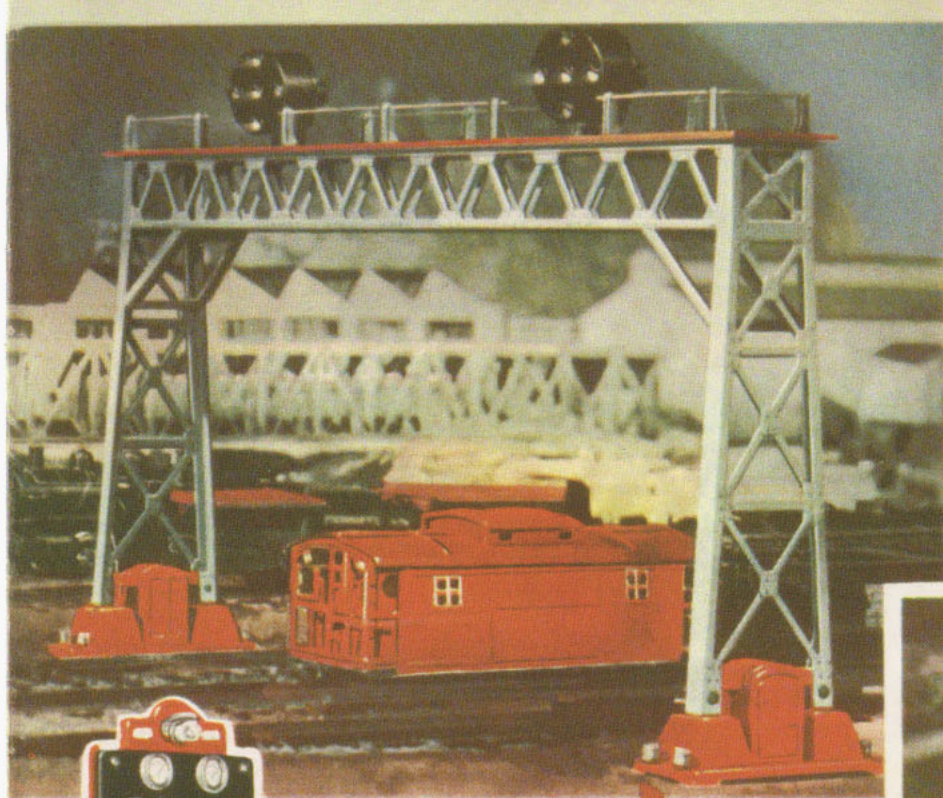


# Automatic Signals

Only in Lionel equipment will you find the great variety of automatic semaphores, signals and crossing gates warning lights that are necessary to the colorful operation of a real model railroad.



Two trains on One Track  
Circle are Protected from  
Collisions by this Signal.



#### No. 440N LIGHT-POSITION SIGNAL BRIDGE

For use with any style of track except "OO" gauge. Three lights are illuminated in each signal head at a single time. "Proceed" is indicated by vertical lights, "Stop" by horizontal lights. The position of the light actually controls the passage of trains; stopping and starting them or allowing them to proceed without interruption. Signals are for use on either single or double track. Each signal is operated independently from a remote control, illuminated panel board (as illustrated at left) that is included. Position of lights can be reversed to face in either direction. Add several of these signal bridges to your layout and double the thrills and excitement of your model railroad system. Complete with four Lockons. 20½ inches wide, 14¾ inches high. Price \$11.50

Illuminated panel board furnished with the No. 440N Signal Bridge has four additional knife switches which may be wired for turning on and off the lights in other illuminated accessories.

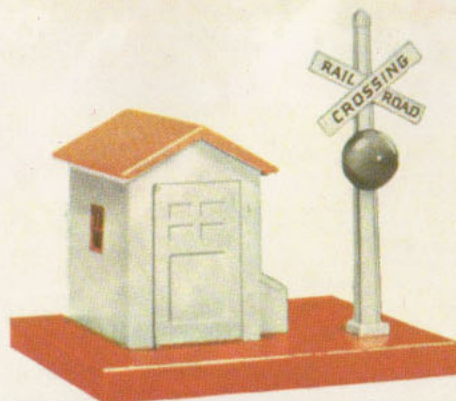


#### No. 83 TRAFFIC SIGNAL

The red light in this miniature traffic signal flashes on and off continuously. There are many appropriate spots for it in any model layout. Such signals are frequently found at street crossings and in big city boulevard systems. Signal is die cast, enameled and measures 6¾ inches high. Price \$3.25

#### No. 87 CROSSING WARNING

An accurately detailed model of warning signals used at the intersection of highways and track. Bull's-eye is illuminated at intervals of about one second. Blinker action is continuous as long as electric current is applied. Die-cast construction, attractively enameled. Signal is 6¾ inches high. Price \$3.75



#### No. 76 WARNING BELL AND SHACK

For any track except "OO" gauge. When train draws near, bell on post tolls a warning. As last car passes, the bell stops ringing. Signal, shack and base are made of heavy steel, attractively enameled. Complete with contactor and wires. Price \$3.75

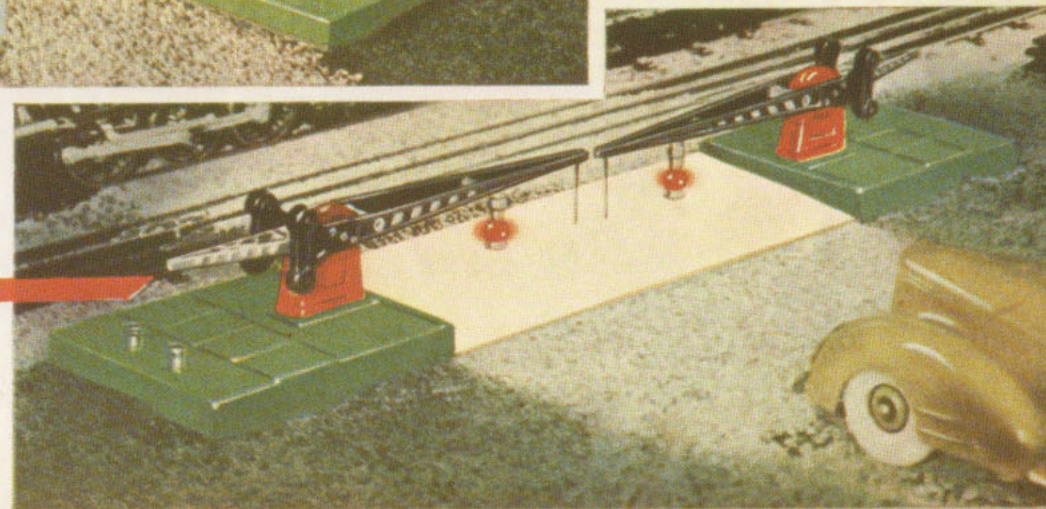


#### 45N AUTOMATIC GATEMAN

When train draws near, door swings open and gateman rushes out swinging a lantern. When train has passed, gateman returns to shack, and door closes. Action is automatic. For any track except "OO". Complete with bulb, wires and a contactor. Price \$3.95

#### No. 47 AUTOMATIC ILLUMINATED DOUBLE-ARM CROSSING GATE

True to scale and amazingly life-like in action. For any track except "OO" gauge. As train approaches, warning lanterns are illuminated. When train has passed, gates rise and lights are extinguished. Made of steel and enameled. Base is 16½ by 3½ inches. Complete with necessary wires and contactor. Price \$4.95



#### No. 46 AUTOMATIC, ILLUMINATED CROSSING GATE

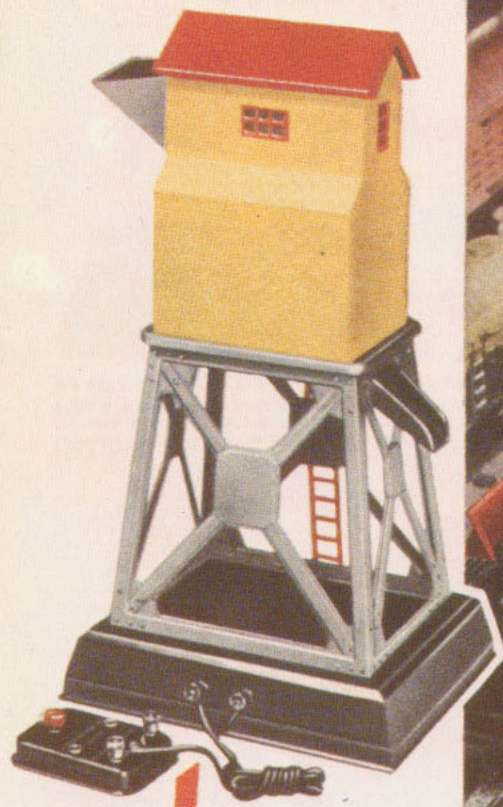
For any style of track except "OO". As train nears, gate is lowered automatically and red warning lantern is illuminated. When train has passed, gate rises and lantern is extinguished. Long arm measures 6 inches. Complete with contactor and wires. Price \$3.00



When train approaches, watchman waves his red flag up and down.

#### No. 1045 OPERATING WATCHMAN

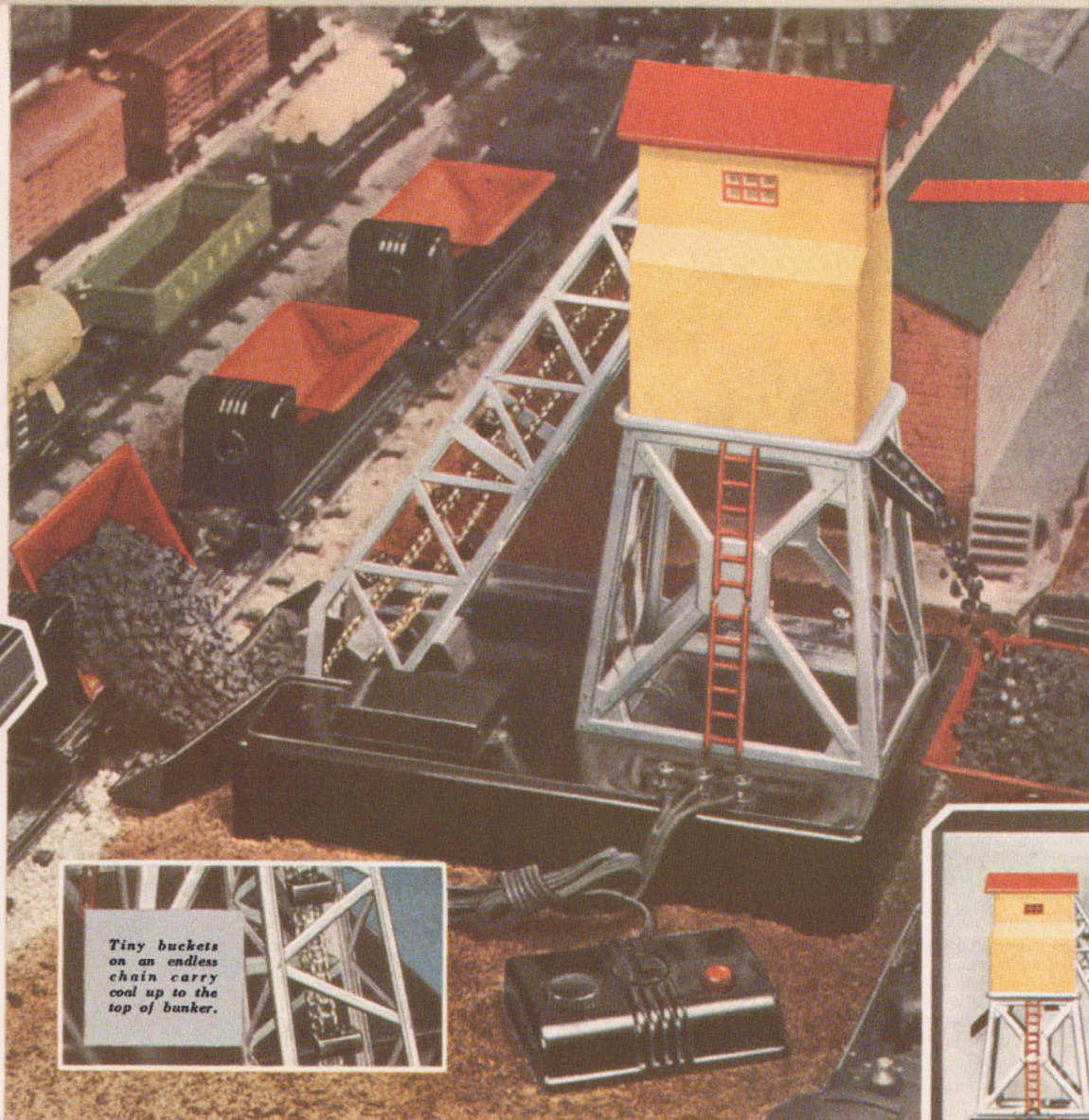
An ingenious, electrically operated accessory. For any track except "OO", solid rail and standard gauge. 7 inches high. Price \$2.00



**No. 98 ELEVATED  
COAL STORAGE BUNKER**

*With Electrically Operated Car-Loading Chute*

A simplified coal storage bunker for remote control car-loading. Coal is poured by hand into funnel at top of loft. At touch of a remote control button, the chute gate on inside of loft is opened so that coal pours down through chute into waiting car. With each elevator a quantity of artificial coal is included. Height 12 inches. Price \$3.95



*Tiny buckets  
on an endless  
chain carry  
coal up to the  
top of bunker.*

**No. 97 ELECTRIC  
COAL ELEVATOR**  
*With Motor-Driven Conveyor*

This is the Lionel accessory which loads model freight cars by remote control. Artificial coal dumped into well in base of this structure is scooped up by a series of buckets travelling on an endless chain. Chain-conveyor lifts buckets to top of bunker where they dump their contents into loft. Remote controls that are provided contain a button and a knob. Knob controls the electric motor which operates endless chain. Button is used to open and close the chute gate on the inside of loft. With each elevator, a quantity of artificial coal is included. Height 12 inches. Price \$7.50

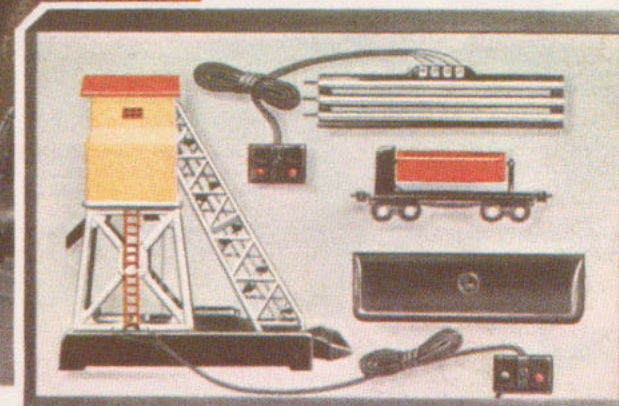
*With Hand-Operated Bucket Conveyor*

**No. 96**—Similar to No. 97, but with endless-chain buckets operated by means of hand crank. The chute gate in loft, however, is opened and shut electrically, by remote control. Price \$5.00

**No. 206  
ARTIFICIAL COAL**

With each coal elevator or electric dump car, a sack of artificial coal is included. Not only does this coal appear like real anthracite, but it is dustless. Each package contains approximately 1/2 lb.

Extra sack, \$.25



**No. 188 "O" GAUGE ELEVATOR, CAR AND TRACK SET**

Outfit contains the No. 97 remote control coal elevator which is operated by a built-in electric motor. Also included in outfit is one No. 3659 electric, tilting dump car with remote control couplers, one section of RCS special control track, one No. 160 unloading bin and two sacks of artificial coal. A gift which would delight the heart of any boy owning an electric train. Price \$12.75

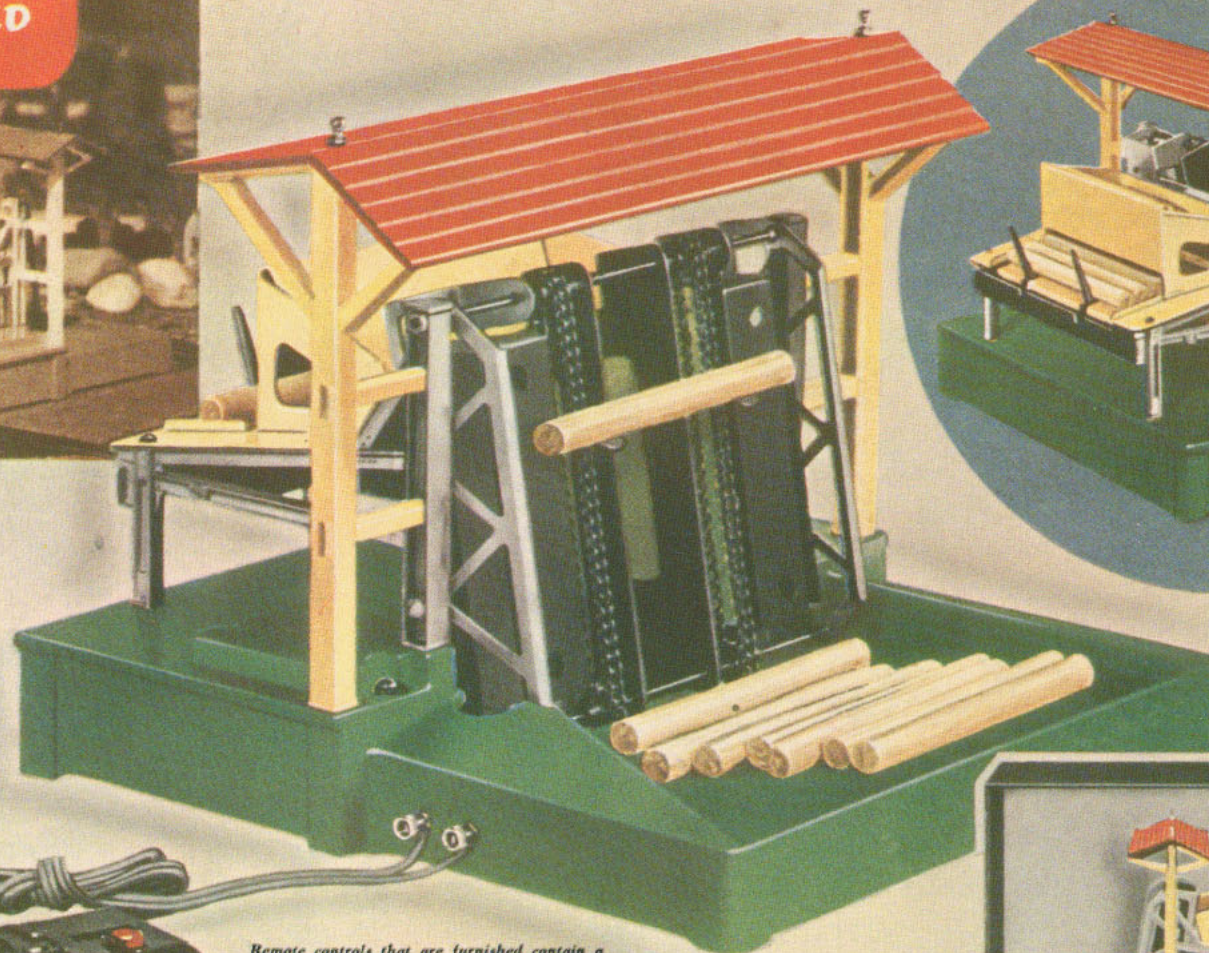
# Coal Elevators

Make your model railroad perform a real railroad function. Set aside one section of your track layout for a retail coal yard. Run several track sidings into the yard and, between two of them, install one of these elevators for automatically loading and unloading cars.

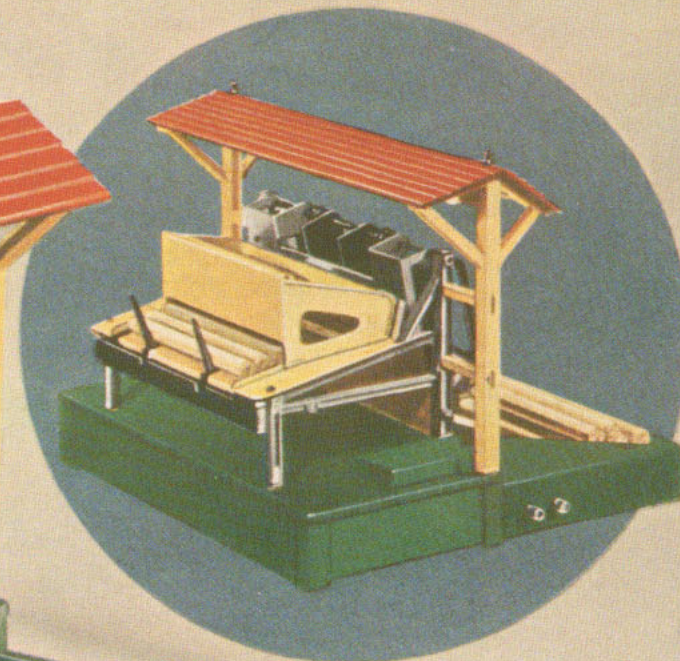
TOUCH A BUTTON  
AND PRESTO, THE  
CAR IS LOADED



No. 164—New this year and one of the most exciting accessories ever conceived, this electrically operated Log Loader will make your miniature railroad hum with activity. Especially appropriate for use with electrically operated lumber cars. Lumber cars unload logs into trough on one side. Hooks on revolving, endless chain, carry logs up to elevated loading platform. Lumber cars may be drawn up along the other side of Log Loader. Then, by remote control, cars may be loaded with logs, as illustrated above. 9" high, 11¼" wide, 10¾" long. A supply of logs is included. Price \$8.75



Remote controls that are furnished contain a knob to operate the revolving chain and a button. Pressing the button releases guards holding logs on sloped platform, causing them to roll down into waiting car.



Suitable for use with either "O-27" or "O" gauge trains.

## Loading Logs

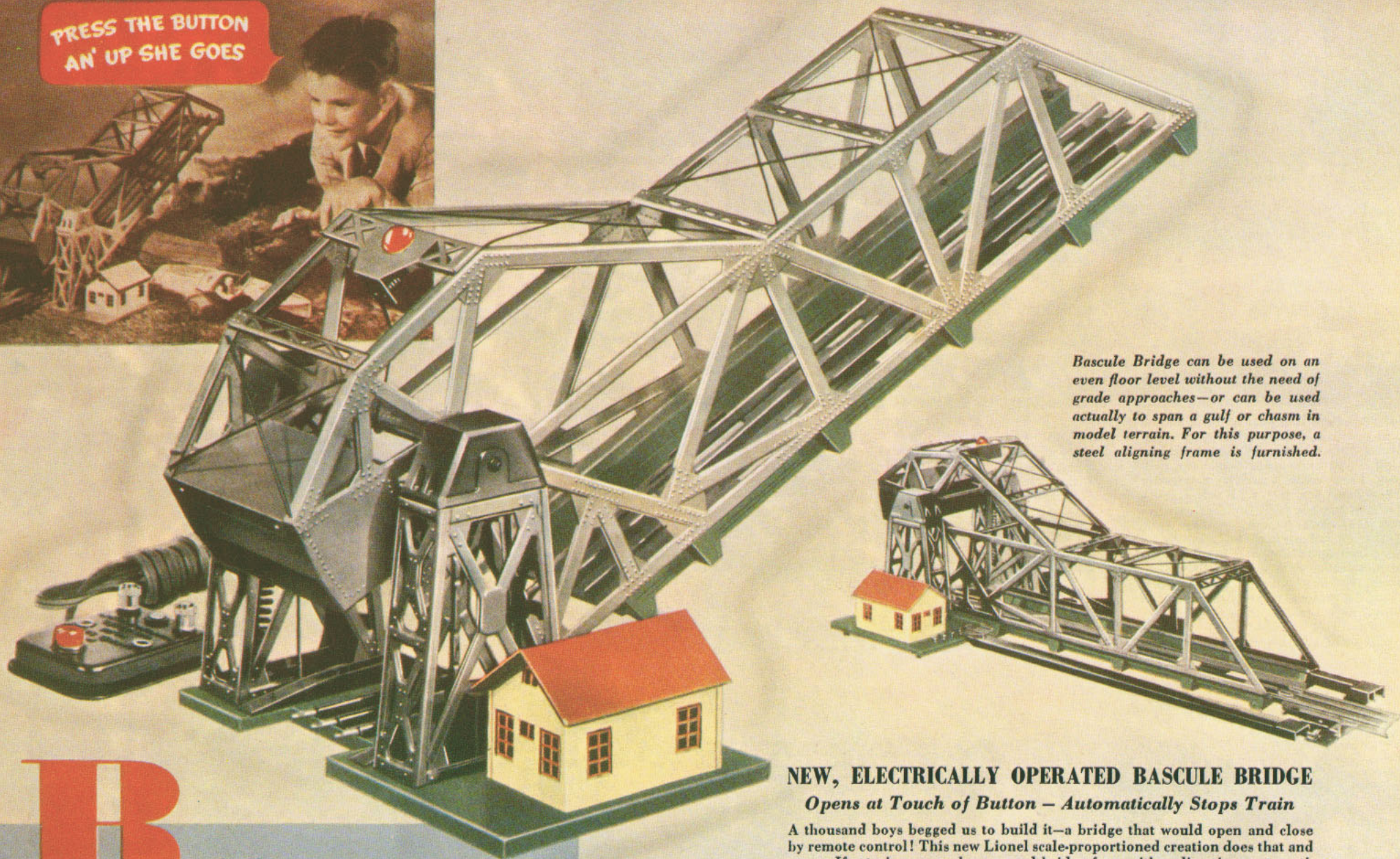
Used between two track sidings, this Log Loader will provide a continuous cycle of activity, receiving logs from cars on one side, raising them on a motor-driven conveyor to the elevated platform and then loading the logs into empty cars on the other side.



## COMPLETE LOG LOADING OUTFIT

No. 186—In this one package are all of the units essential for the addition of a lumber center in your model railroad system. Suitable for use with any "O" gauge trains having 2600 or 600 series cars. Outfit includes No. 164 Log Loader described above, No. 3651 Electrically Operated Lumber Car with electro-magnetic couplers, one section of RCS track, unloading bin and a load of logs. Price \$12.25

PRESS THE BUTTON  
AN' UP SHE GOES



*Bascule Bridge can be used on an even floor level without the need of grade approaches—or can be used actually to span a gulf or chasm in model terrain. For this purpose, a steel aligning frame is furnished.*

# Bridges

*Every type of railroad bridge is here for your selection. Small bridges. Big bridges. Electrically operated bridges. Use many of them on your model pike.*

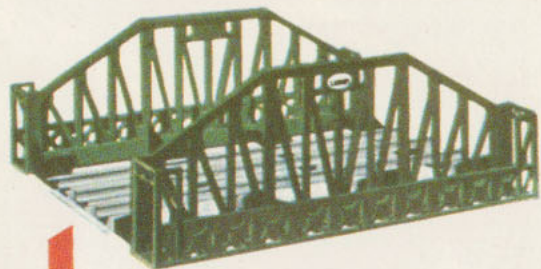
## NEW, ELECTRICALLY OPERATED BASCULE BRIDGE

*Opens at Touch of Button — Automatically Stops Train*

A thousand boys begged us to build it—a bridge that would open and close by remote control! This new Lionel scale-proportioned creation does that and more: If a train approaches opened bridge from either direction, automatically it is brought to a halt until bridge closes, then automatically started again. Constructed of heavy gauge steel with deeply embossed rivets, plates and other structural details. Illuminated by a red beacon light. Bridge is adjustable so that it can be used with "O" gauge or "O-27" tubular track. Operating motor is enclosed in enameled bridge tender's shack. 21½ inches long, 9¼ inches high when closed. No. 313. Price \$10.75

## SCALE MODEL GIRDER BRIDGE

**No. 314**—A bridge is one piece of railroad equipment that every miniature system should have. In this new reproduction, Lionel brings you not only absolute scale model realism but an indispensable accessory at an unmatched low price. Die cast with rivet heads projected in sharp, clean-cut relief. Distinct plate stiffeners, floor beam brackets and built-up flange reinforcements. The floor of the bridge can be slipped under sections of track of any gauge without raising them above normal level. Sections can be used in multiple with striking effect. Single span is 10 inches long. **Price \$2.00**



### **No. 280 SINGLE-SPAN STANDARD GAUGE BRIDGE**

Built of steel to represent modern heavy girder construction. On each side of the right-of-way are portals and walks for pedestrians. Richly enameled by Lionel's exclusive process. Complete with track. 14" long. **Price \$2.75**

**No. 281**—Consists of two spans of No. 280 bridge. Complete with track. 28 inches long. **Price \$5.50**

**No. 282**—Consists of three spans of No. 280 bridge. Complete with track. 42 inches long. **Price \$8.25**

### **No. 270 SINGLE-SPAN "O" GAUGE BRIDGE**

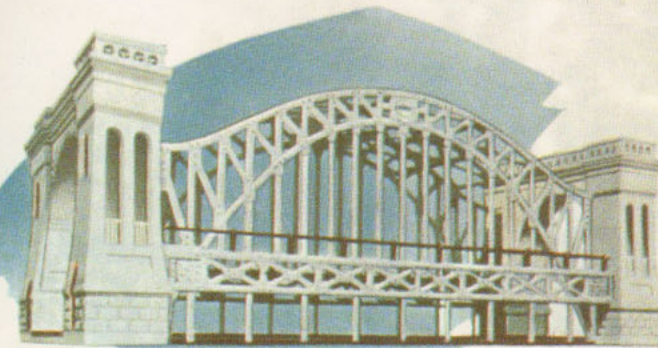
Bridges of this type are used on the rights-of-ways of nearly all real railroads. The Lionel model is made of heavy steel, deeply embossed and enameled. Complete with one section of track. 10 inches long. **Price \$2.00**

**No. 271**—Consists of two spans of No. 270 bridge. Complete with track. 20 inches long. **Price \$4.00**

**No. 272**—Consists of three spans of No. 270 bridge. Complete with track. 30 inches long. **Price \$6.00**



*On any extensive layout several bridges can be used with telling effect. From this large Lionel assortment, select several types for use on your model railroad.*



### **No. 300 "HELL GATE" BRIDGE FOR "O" GAUGE or STANDARD GAUGE ROADS**

In New York City is a famous bridge that spans the East River. It has imposing archways, a majestic superstructure and is called "Hell Gate Bridge". Lionel No. 300 is an accurate, all-steel reproduction. The archways at each end are embossed and enameled to represent limestone. There are four doorways for pedestrians and two sidewalk elevations. Trains pass through bridge at regular track level. 28 7/8 inches long, 11 inches high, 10 7/8 inches wide. **Price \$16.50**



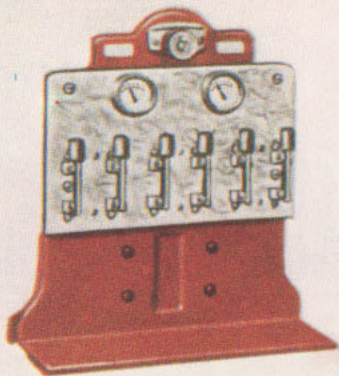
## NEW, ILLUMINATED TRESTLE

**No. 315**—Large, new and impressive rolled steel railroad trestle bridge with built-in aerial landmarking beacon light. Can be used with trains of any gauge or style. Track sections rest on floor of bridge without being raised above their normal level. Gusseted girder steel members are deeply embossed with accurately placed rivet heads. Bridge is 24 1/2 inches long. **Price \$2.50**



### **No. 43 MOTORBOAT**

A Hundred Feet A Minute! That's the speed of this dashing Lionel Craft. But speed is not all you get, for these racers in calm water will actually steer themselves—will run out in a straight line for a hundred feet, then turn about automatically and go back toward the operator. Or rudder can be locked so boat races ahead continually. Powered by 9-foot spring motor. 17 inches long, equipped with a boat cradle stand. **Price \$4.95**



#### No. 439 PANEL BOARD

Provides for compact arrangement of make-and-break contacts, always found useful in connection with illuminated accessories. Electric bulb illuminated dummy meters. Six knife switches mounted on composition panel. 8 1/4 inches high, 7 1/4 inches wide. Price \$3.75

#### No. 93 WATER TANK

If your train is headed by a steam type locomotive, this tank will add realism to your road. 8 3/4 inches high. Price \$1.25

#### No. 155 ILLUMINATED FREIGHT SHED

Platform has ample space for accommodating trucks described below. Illuminated by two lamps under roof. Made of steel and enameled. 18 inches long, 11 inches high, 8 1/4 inches wide. Price \$7.50

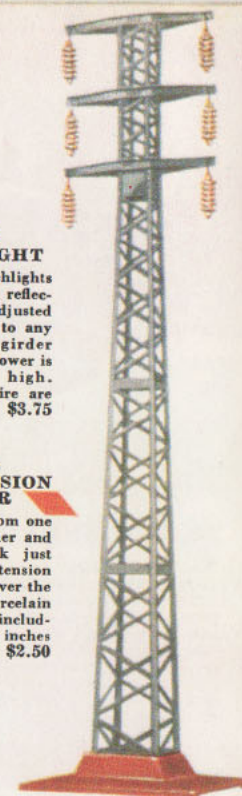
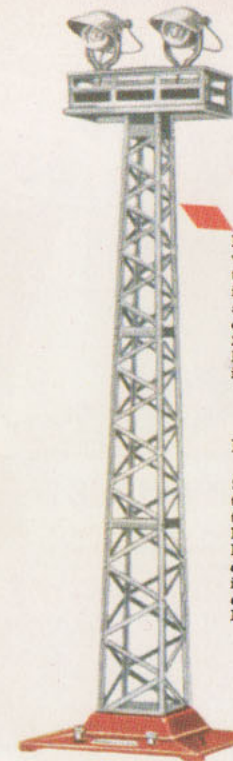


#### No. 92 FLOODLIGHT

Powerful searchlights with polished reflectors. May be adjusted independently to any angle. Steel girder construction. Tower is 20 1/2 inches high. Lamps and wire are included. Price \$3.75

#### No. 94 HIGH TENSION TOWER

String wires from one tower to another and they will look just like the high tension lines seen all over the country. Six porcelain insulators are included. Tower is 22 inches high. Price \$2.50

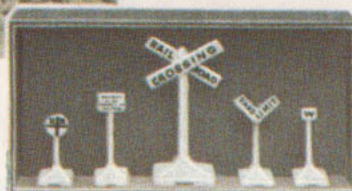


No. 85 — Telegraph Post for Standard gauge. Similar to No. 060 illustrated below. Bracket attached for connecting post to track. 9" high. Price \$6.50  
No. 86 — Set of six Telegraph Posts. \$3.75



#### NEW, SCALE MODEL SIGNS

No. 308—Set consists of five of the most common signs found on real railroad rights-of-way: whistle and yard-limit posts, trespassing sign and two different crossing warnings. Accurately scaled down for "O" gauge trains. Made of steel, enameled white with black lettering. Each sign is provided with substantial base. On elaborate model systems these bases may be covered with ballast or earth for greater realism. Price, set of five, \$1.50



No. 060 "O" GAUGE TELEGRAPH POST  
Bracket for attaching to track. 6 1/2 inches high. Price \$5.50  
No. 071—Set of six No. 060 Posts. Price \$2.25



#### No. 068 CROSSING SIGN

Etched aluminum crossarms are mounted on steel girder post. 6 1/2 inches high. Price \$4.00



No. 208 TOOL SET  
Miniature pick, shovel, axe, rake, hoe, sledge in neat, enameled metal chest. \$5.75



No. 163 FREIGHT SET  
Consists of two hand trucks, dump truck and baggage truck with wide, die cast wheels. Suitable for use on freight platform illustrated above. Price \$2.75

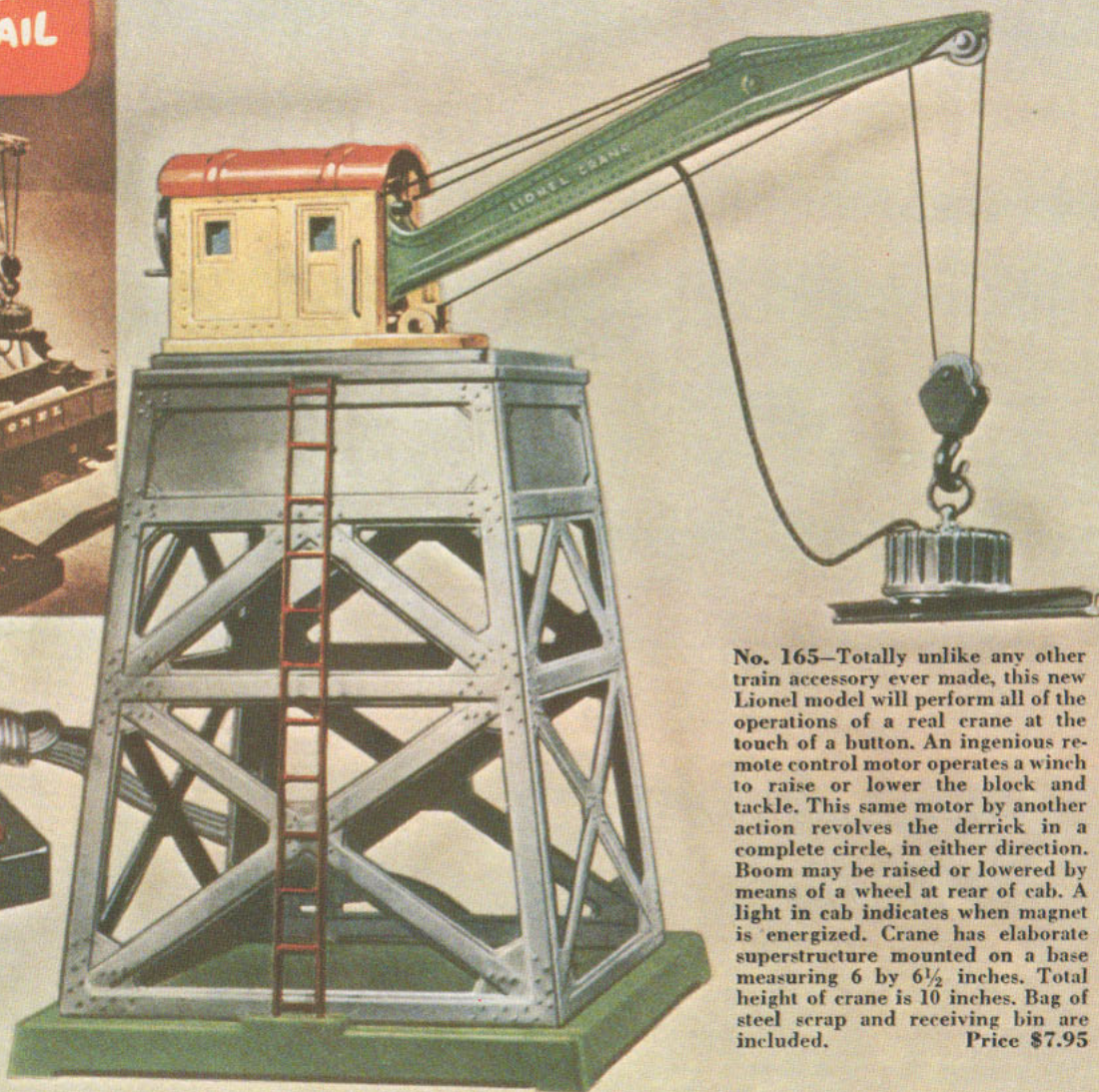


No. 209—4 Wooden Barrels. 2 1/2 inches high. Price \$.50  
No. 0209—Six barrels. 1 1/2 inches high. Price \$.35

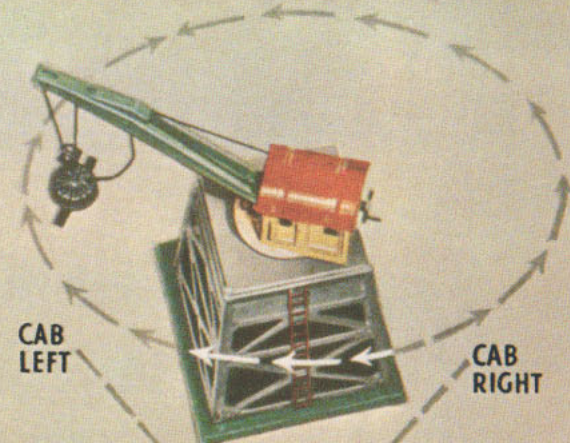
# Yard Equipment

All the real, big business of railroading takes place in the railroad yards. Equip yours well with these accessories and be ready for heavy-duty service.

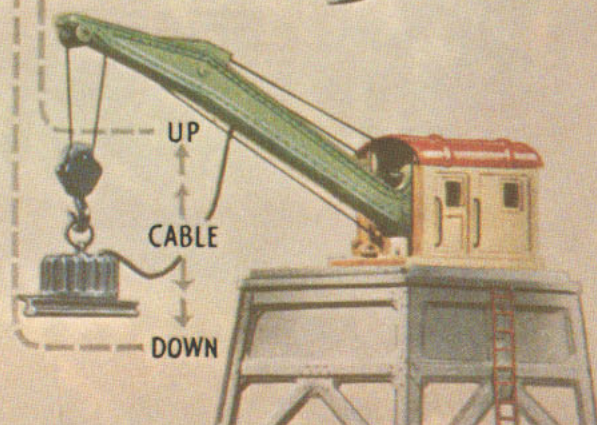
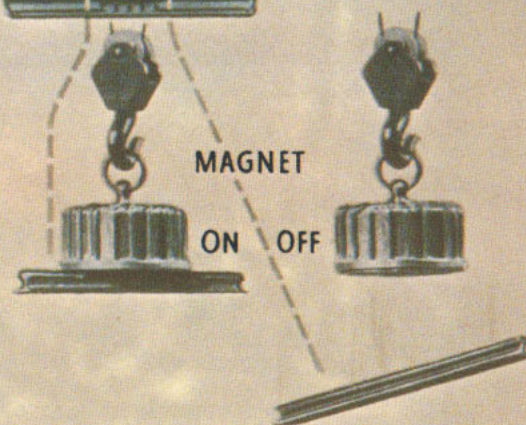
OH BOY!  
WATCH HER REEL IN  
THAT STEEL RAIL



No. 165—Totally unlike any other train accessory ever made, this new Lionel model will perform all of the operations of a real crane at the touch of a button. An ingenious remote control motor operates a winch to raise or lower the block and tackle. This same motor by another action revolves the derrick in a complete circle, in either direction. Boom may be raised or lowered by means of a wheel at rear of cab. A light in cab indicates when magnet is energized. Crane has elaborate superstructure mounted on a base measuring 6 by 6½ inches. Total height of crane is 10 inches. Bag of steel scrap and receiving bin are included. Price \$7.95



The remote control panel contains four buttons and a knob switch. The knob switch energizes the lifting magnet. The buttons control the vertical and horizontal movements of the crane.



T

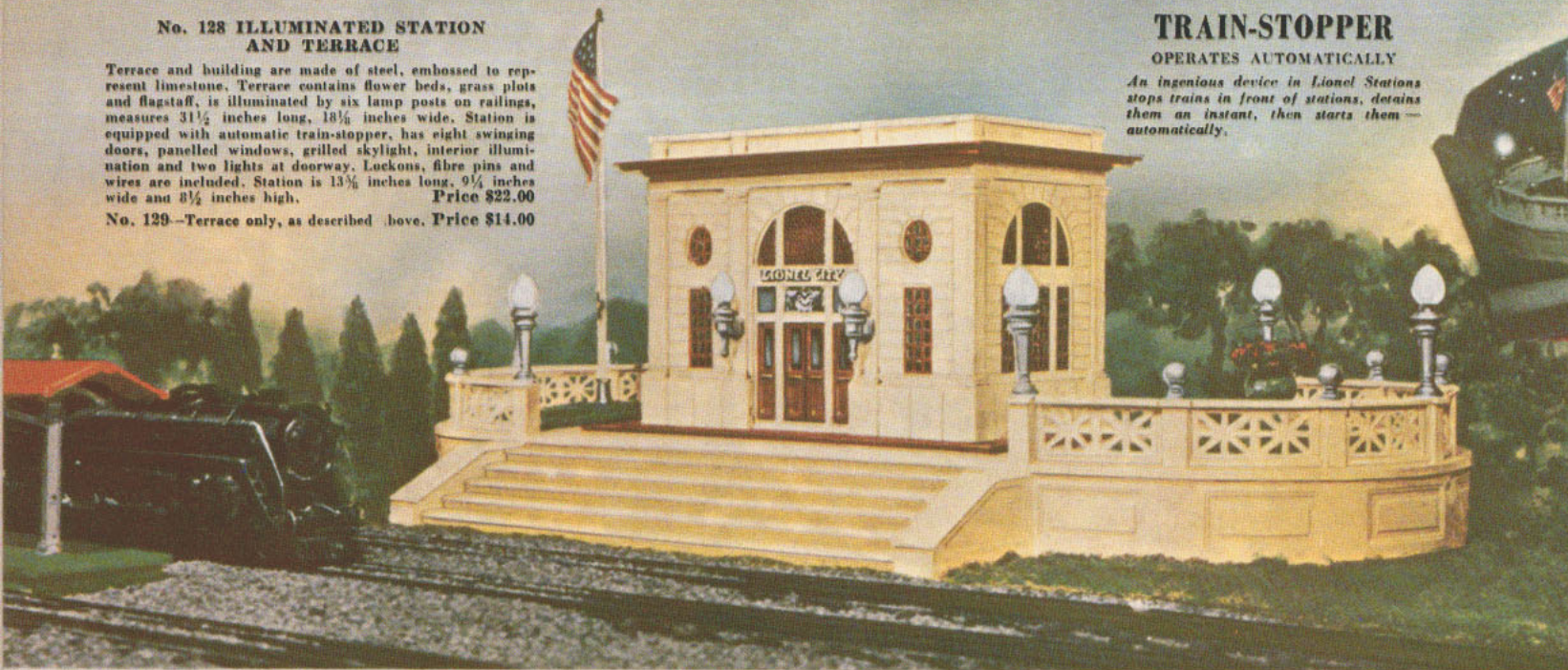
## Triple-Action Magnetic Crane

Look at the remote control panel board that is used to manipulate this massive, multiple-action electric crane. Enough thrills, excitement and action there alone to keep any model railroader on the tip of his toes—loading and unloading cars by magnetic action.

### No. 128 ILLUMINATED STATION AND TERRACE

Terrace and building are made of steel, embossed to represent limestone. Terrace contains flower beds, grass plots and flagstaff, is illuminated by six lamp posts on railings, measures  $31\frac{1}{2}$  inches long,  $18\frac{1}{8}$  inches wide. Station is equipped with automatic train-stopper, has eight swinging doors, panelled windows, grilled skylight, interior illumination and two lights at doorway. Locks, fibre pins and wires are included. Station is  $13\frac{1}{8}$  inches long,  $9\frac{1}{4}$  inches wide and  $8\frac{1}{2}$  inches high. Price \$22.00

No. 129—Terrace only, as described above. Price \$14.00



### TRAIN-STOPPER

OPERATES AUTOMATICALLY

An ingenious device in Lionel Stations stops trains in front of stations, detains them an instant, then starts them automatically.



### No. 137 ILLUMINATED STATION

Made of steel with many accurately reproduced details. Equipped with automatic train-stopper. Inset windows, removable roof. Included are two UTC Locks, fibre pins and wires.  $8\frac{1}{2}$  inches long, 4 inches wide, 5 inches high. Price \$3.75



### No. 134 ILLUMINATED STATION

Equipped with automatic train-stopper. Hinged doors. Frosted lamps. Included are Locks and wires.  $9\frac{1}{8}$  inches wide, 14 inches long,  $10\frac{1}{8}$  inches high. Price \$7.75



### No. 136 ILLUMINATED STATION

Beautiful town or suburban station, equipped with automatic train-stopper. Interior light has polished reflector. Included are Locks and wires. Station is  $10\frac{1}{8}$  inches wide,  $7\frac{1}{8}$  inches high. Price \$5.75



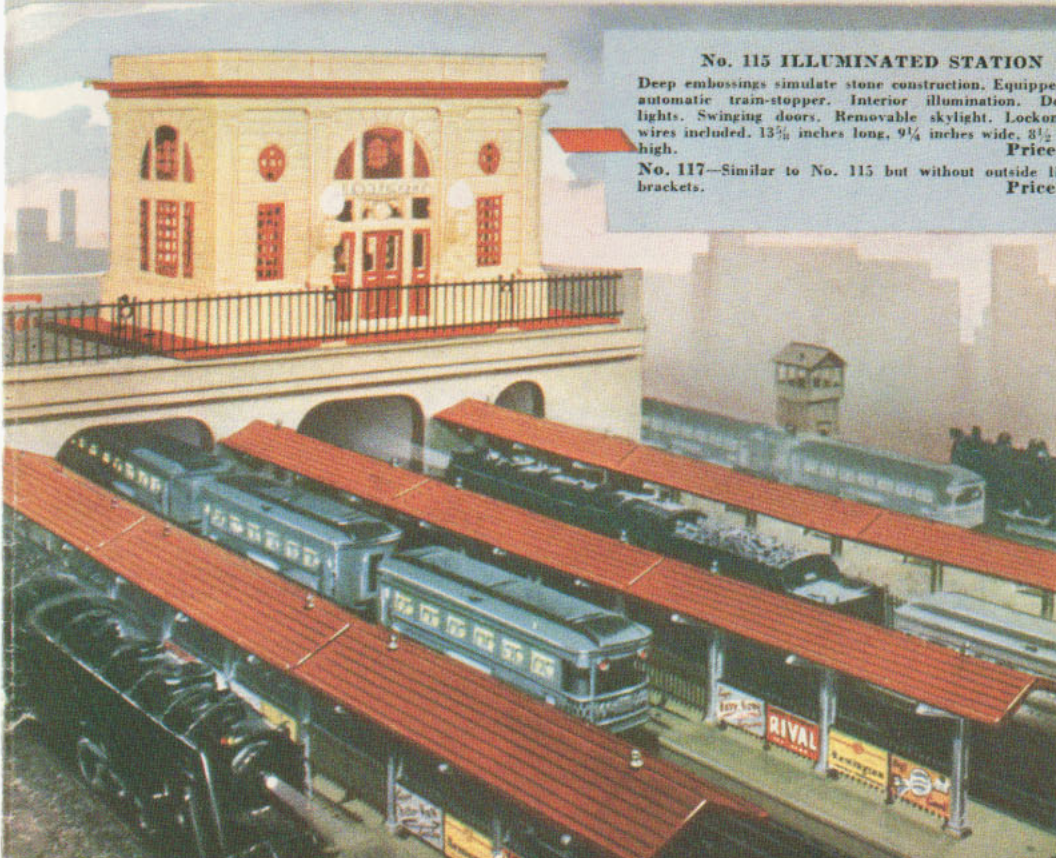
### No. 116 ILLUMINATED CITY STATION

Equipped with automatic train-stopper. Lionel's largest, most imposing station structure. Made of heavy steel, deeply embossed and finished in rich lustrous enamel. Two interior lights and two outside lights at doorway keep the entire structure ablaze with illumination. Fourteen panelled windows. Swinging doors. Removable skylights. Included are two UTC Locks, fibre pins and wires. Station measures  $19\frac{1}{2}$  inches long,  $8\frac{1}{2}$  inches high,  $9\frac{1}{4}$  inches wide. Price \$12.75



# P assenger Stations

Every miniature railroad with a passenger car ought to have at least two passenger stations — one for each end of the run. On these pages are many realistic, all-steel models to choose from.



#### No. 115 ILLUMINATED STATION

Deep embossings simulate stone construction. Equipped with automatic train-stopper. Interior illumination. Doorway lights. Swinging doors. Removable skylight. Locks and wires included. 13 $\frac{3}{8}$  inches long, 9 $\frac{1}{4}$  inches wide, 3 $\frac{1}{2}$  inches high. Price \$8.75

No. 117—Similar to No. 115 but without outside lighting brackets. Price \$7.50

#### No. 156 ILLUMINATED STATION PLATFORM

A new beautifully designed accessory for intermediate station stops. Fence, dividing platform from end to end, is embellished by four billboards in bright colors, as illustrated below. Illuminated by two lamps under roof. 12 inches long, 5 $\frac{1}{8}$  inches high. 3 $\frac{1}{4}$  inches wide. Price \$2.00

#### No. 158 STATION-PLATFORM SET

Set of two No. 156 Station Platforms and one No. 136 Station. Price \$9.75



#### No. 438 ILLUMINATED SIGNAL TOWER

Made of heavy steel. Girder elevation is embossed with many rivets. Nicked ladder. Removable roof gives access to ceiling lamp. Equipped with two knife switches for operating accessories. 11 $\frac{3}{4}$  inches high. Price \$4.75

#### No. 840 INDUSTRIAL POWER STATION

Masterpiece of Model building. Inset doors and windows. Superstructure can be lifted off platform so that small transformers can be fitted into hollows. Panel board on one side of building contains six knife switches. 26 inches long, 21 $\frac{1}{2}$  inches wide, 18 inches high. Price \$17.50



## P ower Houses and Signal Towers

Most elaborate of all Lionel accessories, is the large, highly detailed, all steel power house with its many paneled windows illustrated above; a fit companion to the illuminated signal tower in the foreground.



**No. 442  
ILLUMINATED, LANDSCAPED DINER**  
An interesting addition to the railroad layout. Interior illumination. Landscaped base. Measures 10½ inches wide and 3 inches high. Price \$2.50



**No. 911 ILLUMINATED,  
LANDSCAPED ESTATE**

A palatial home, built of steel, reinforced by inset windows and finished in colorful enamel. House is 7¼ inches long, 5½ inches high. Roof is removable. Base is similar to that shown with No. 912, at right. Price \$4.75

**No. 913 ILLUMINATED,  
LANDSCAPED BUNGALOW**

For variety, use several of these modest dwellings in your model city. House made of steel, is surrounded by trees and green bushes, with base like that shown with No. 912. Interior light. 4¾ inches long, 4 inches high. Roof is removable. Price \$4.00



**No. 910 GROVE OF TREES**  
Modeled by a scenic artist. Every grove contains a variety of trees. Base is covered with imitation grass. Base measures 16 inches long, 8¾ inches deep. Price \$2.50

**No. 927 ORNA-  
MENTAL  
FLAG PLOT**

Flag is made of silk and fitted with cord so that flag may be raised or lowered. 14¾ inches high. Price \$2.75



**No. 912, ILLUMINATED  
LANDSCAPED HOME**

Built of steel and enameled in bright colors. Numerous inserted window frames add realism and strength. Roof is removable. House, erected on an ornamental base, is 5¾ inches long, 4¾ inches wide, 5½ inches high. Base is 16 inches long. Price \$4.75

**No. 90  
FLAGSTAFF  
AND FLAG**

Decorated circular base. Silk flag may be raised or lowered. 14½ inches high. Price \$1.25



**No. 919 PARK GRASS**

You can create beautiful scenic effects with this bright green grass. Can be spread over wet paint, for permanence. Approximately eight ounces to bag. Price \$3.30

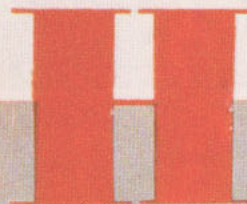


**No. 53  
LAMP POST**

Stately and modern in design. Enameled white. Special globe casts opal light. 8¾ inches high. Price \$1.75

**No. 57  
LAMP POST**

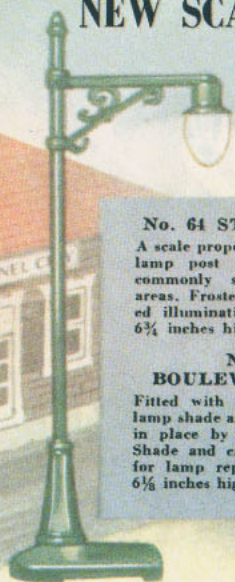
A boulevard lamp which illuminates the names of streets on all four sides. 7¾ inches high. Price \$1.75



## ouses and Lamps

On this page are the makings of a model city, three illuminated, all-steel scale detailed houses, a whole grove of miniature trees, a park flag surrounded by hedge, even artificial grass and boulevard lamps.

## NEW SCALE MODELS



### No. 64 STREET LAMP

A scale proportioned "O" gauge lamp post (at left) such as commonly seen in suburban areas. Frosted globe for diffused illumination. Lamp post is 6 1/4 inches high. Price \$1.50

### No. 35 BOULEVARD LAMP

Fitted with opalescent, plastic lamp shade and ornate cap, held in place by screw type finial. Shade and cap easily removed for lamp replacement. Post is 6 1/2 inches high. Price \$1.25



### No. 52 LAMP POST

Handsome lamp standard with brilliant metallic finish. Opal globe is shaped to cast light over a wide area. 10 1/4" high. Price \$2.00



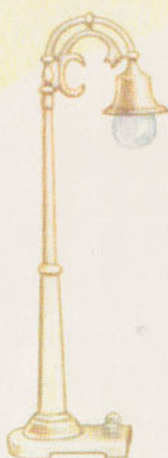
### No. 63 LAMP POST

Copied from designs used in recent public developments. Die cast. Beautiful metallic finish. Globes included. 13 inches high. Price \$2.75



### No. 56 LAMP POST

A copy of a lamp commonly used for parkway illumination. Base is enameled. Top is removable. Equipped with bulb. 7 3/4 inches high. Price \$1.75



### No. 58 LAMP POST

A graceful design similar to the posts used in most big cities. Baked enamel ivory finish. Equipped with globe. 7 1/2 inches high. Price \$1.50

## CHART OF REPLACEMENT LAMPS

LAMP No.	DESCRIPTION	PRICE	FOR USE WITH THE FOLLOWING EQUIPMENT
27-3	12V Clear	.25	Catalog Numbers: 83, 87, 164, 204, 224, 229, 249, 259, 264, 265, 439, 442, 440C, 600, 601, 602, 620, 820, 1121, 1641, 1666, 1668, 1684, 1685X, 1686X, 1687X, 1688, 2600, 2601, 2602, 2620, 2640, 2641, 2820.
27-6	12V Green	.30	0072 Controller.
28-3	18V Clear	.25	56, 57, 80N, 82N, 92, 99N, 120L, 184, 189, 191, 210, 223, 225, 226, 250, 263, 437, 438, 440N, 613, 614, 615, 733, 754, 782, 783, 784, 911, 912, 913, 2613, 2614, 2615, all standard gauge locomotives and cars.
28-6	18V Red	.30	022C, 023, 25, 77N, 91, 120L, 226, 263, 385, 392, 400, 711C, 1835.
29-3	18V Yellow	.30	99N.
64-15	12V Clear	.40	64.
39-3	12V Frosted	.30	51, 58.
40-3	18V Frosted	.30	115, 116, 117, 129, 134, 136, 137, 155.
47-40	18V Red	.50	46, 47.
63-11	18V Opal	.30	52, 53, 63.
0072-70	12V Yellow	.30	0072.
79-23	12V Red	.30	79, 0072 Controller, 1025.
152-33	12V Red	.25	152.
153-23	6-8V Red	.25	153.
153-24	6-8V Green	.25	153.
154-18	12V Red	.30	154.
156-13	8V Clear	.25	156.
165-33	18V Red	.30	165.
315-20	12V Clear	.25	315.
408-45	18V Green	.30	022C, 711C.
616-13	12V Clear	.30	001, 002, 003, 004, 35, 45N, 201, 203, 227, 228, 230, 231, 232, 233, 616, 616W, 636W, 701, 701T, 1662, 1663, 2203T, 2203B, 2227T, 2227B, 2228B, 2228T, 2230B, 2232B, 2233B, 2230T, 2231B, 2231T.
717-54	18V Clear	.25	717, 717K, 2957, 313.
752-9	18V Clear	.30	022, 042, 700, 700K, 711, 721, 731, 752W, 763.
Q-99	6-8V Clear	.20	Q, R, V, Z.



### No. 916 CURVED TUNNEL

For all "O" outfits except No. 293W and "O-72" series. Strong felt composition. 29" long, 12" high, 24" wide. Portals, 4 1/4" wide, 5 1/2" high. Price \$6.00

No. 923—Similar to No. 916. For any "O" gauge outfit except the "O-72" series. 40 1/4" long, 14 1/4" high, 23" wide. Portals, 7 3/4" wide, 8 1/2" high. \$9.50

No. 924—Similar to No. 916, but for "O-72" trains. 30 1/4" long, 21 1/4" wide, 12 1/4" high. Portals are 4 1/4" wide, 5 1/2" high. Price \$1.50



### No. 1023 STRAIGHT TUNNEL

Strong felt composition. Hand-painted. For all "O-27" and "O" gauge trains except Nos. 293W and 789W. 14 1/2 inches long, 10 3/4 inches wide, 8 1/2 inches high. Portals, 4 1/2 inches wide, 5 1/2 inches high. Price \$1.25



### No. 123 CURVED TUNNEL

For all "O" gauge outfits except No. 293W and the "O-72" series. Strong felt composition. 18 3/4 inches long, 16 1/2 inches wide, 9 inches high. Portals, 4 1/2 inches wide, 5 1/4 inches high. Price \$3.75

No. 1022—Similar to No. 123, but without house and trees. Price \$2.50



### No. 120L ILLUMINATED TUNNEL

Constructed of steel. For use with trains of any gauge. 17 inches long, 11 1/2 inches wide, 9 3/4 inches high. Portals, 8 by 6 3/4 inches. Price \$6.00

No. 119—Similar to No. 120L, but smaller and without illumination. 12 inches long, 9 1/2 inches wide, 8 3/4 inches high. Portals, 6 1/2 inches by 5 inches. Price \$3.75

## Tunnels

Lionel's all-steel and felt-composition tunnels, have been designed for utmost realism by a talented scenic artist.

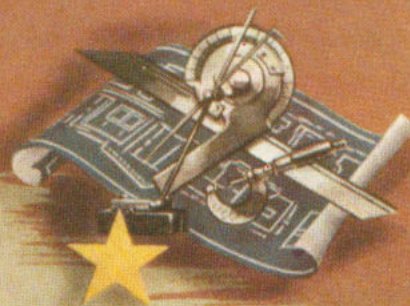
# 40 YEARS of Leadership!

## FIRST IN 1900! FOREMOST IN 1940!

Lionel introduced the electric train to Young America nearly forty years ago. It revolutionized play. It ran rings around everything in the field of fun. From that day to this, Lionel ingenuity, Lionel inventiveness, Lionel engineering and Lionel "know-how" have continued to produce—with new ideas and new features—the finest, most accurate, most enduring trains in the world. So follow the leader. Insist on Lionel for a clear track to happy days ahead.



ONE OF THE FIRST engines built by Lionel—battered, tarnished and weather beaten, but still able to streak over the rails like a modern streamliner—to prove that a *Lionel* never grows old.



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OF THEM ALL

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